NVLAP LAB CODE 600341-0

TEST REPORT

Applicant:	**8devices**
Address:	**FCC: Antakalnio 17 - 6 Vilnius Lithuania** **IC: Antakalnio g. 17-6 Vilnius Vilnius County LT-10312 Lithuania**
Product Name:	**Pineapple 6**
FCC ID:	**Z9W-PIN6**
IC:	**11468A-PIN6**
HVIN:	**Pineapple**
Standard(s):	**47 CFR Part 15, Subpart E(15.407)** **RSS-248 Issue 2, December 2022** **RSS-Gen, Issue 5, February 2021 Amendment 2** **ANSI C63.10-2013** **KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01**
Report Number:	**DG2240228-09775E-RF-00**
Report Date:	**2024/6/5**

The above device has been tested and found compliant with the requirement of the relative standards by Bay Area Compliance Laboratories Corp. (Dongguan).

Reviewed By: Gavin Xu
Title: RF Engineer

Approved By: Ivan Cao
Title: EMC Manager

Bay Area Compliance Laboratories Corp. (Dongguan)
No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China

Tel: +86-769-86858888
Fax: +86-769-86858891

www.baclcorp.com.cn

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	DG2240228-09775E-RF-00	Original Report	2024/6/5

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	Pineapple 6
EUT Model:	Pineapple
Equipment Type:	Low-power indoor client devices(6XD)
Operation Frequency:	U-NII 5(5925-6425 MHz Band): 5955-6415 MHz (802.11ax he20) 5965-6405 MHz(802.11ax he40) 5985-6385 MHz(802.11ax he80) 6025-6345 MHz(802.11ax he160)
	U-NII 6(6425-6525 MHz Band): 6435-6515 MHz (802.11ax he20) 6445-6525 MHz(802.11ax he40) 6465-6545 MHz(802.11ax he80) 6505 MHz(802.11ax he160)
	U-NII 7(6525-6875 MHz Band): 6535-6855 MHz (802.11ax he20) 6565-6845 MHz(802.11ax he40) 6625-6865 MHz(802.11ax he80) 6665-6825 MHz(802.11ax he160)
	U-NII 8(6875-7125 MHz Band): 6875-7095 MHz (802.11ax he20) 6885-7085 MHz(802.11ax he40) 6945-7025 MHz(802.11ax he80) 6985 MHz(802.11ax he160)
Maximum Average Output Power (EIRP):	12.78 dBm (5925-6425 MHz) 12.69dBm (6425-6525 MHz) 13.07dBm (6525-6875MHz) 13.23 dBm (6875-7125 MHz)
Modulation Type:	OFDMA-BPSK, QPSK, 16QAM, 64QAM,256QAM,1024QAM
Rated Input Voltage:	DC3.3V and DC5V
Serial Number:	2I3G-1 (For RF Conducted Test) 2I3G-3 (For Radiated spurious emission and AC line conducted emission tests)
EUT Received Date:	2024/3/1
EUT Received Status:	Good

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
/	/	/	/

1.3 Antenna Information Detail ▲

Antenna Manufacturer	Antenna Type	input impedance (Ohm)	Frequency Range	Antenna Gain
LYNwave Headquarter	Dipole	50	5925-6425 MHz	5 dBi
			6425-6525 MHz	5 dBi
			6525-6875 MHz	5 dBi
			6875-7125 MHz	5 dBi

Note:
The system supports maximum 4T4R CDD modes for 802.11ax modes.
Per KDB 662911 D01 Multiple Transmitter Output v02r01:

For power measurements:
CDD Mode:
Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4
directional gain=5 dBi +0dB =5 dBi

For power spectral density (PSD) measurements:
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
directional gain=5 dBi +6.02dB =11.02 dBi for maximum 4Tx

The design of compliance with §15.203:

☐ Unit uses a permanently attached antenna.

☒ Unit uses a unique coupling to the intentional radiator.

☐ Unit was professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

1.4 Equipment Modifications

No modifications are made to the EUT during all test items.

2. SUMMARY OF TEST RESULTS

Standard(s) Section	Test Items	Result
§15.207(a) RSS-Gen Clause 8.8	AC line conducted emissions	Compliant
FCC§15.205& §15.209 &§15.407(b) RSS-248 Clause 4.6.2	Radiation Spurious Emissions	Compliant
§15.407(b)(7) RSS-248 Clause 4.6.2 b	In-band Emission	Compliant
§15.407(a) (11) RSS-248 Clause 4.4	26 dB Emission Bandwidth	Compliant
RSS-Gen Clause 6.7	99% Occupied bandwidth	Compliant
§15.407(a) (8) RSS-248 Clause 4.5.3	Maximum E.I.R.P.	Compliant
§15.407(a) (8) RSS-248 Clause 4.5.3	Maximum Power Spectral Density	Compliant
§15.407 (d) (6) RSS-248 Clause 4.7	Contention Based Protocol	Compliant
§15.203 RSS-Gen Clause 6.8	Antenna Requirement	Compliant
RSS-248 Clause 4.8	Operational requirements	Compliant
Note 1: For AC line conducted emissions, the maximum output power mode and channel was tested. Note 2: For Radiated Spurious Emissions 9kHz~ 1GHz and 18-40GHz, the maximum output power mode and channel was tested.		

3. DESCRIPTION OF TEST CONFIGURATION

3.1 Operation Frequency Detail

U-NII 5 Band(5925-6425 MHz):

802.11ax he20		802.11ax he40		802.11ax he80		802.11ax he160	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	**5955**	3	**5965**	7	**5985**	15	**6025**
5	5975	11	6005	23	6065	/	/
~	~	~	~	/	/	/	/
45	**6175**	43	**6165**	39	**6145**	47	**6185**
~	~	~	~	~	~	/	/
89	6395	83	6365	71	6305	/	/
93	**6415**	91	**6405**	87	**6385**	79	**6345**

U-NII 6 Band(6425-6525 MHz):

802.11ax he20		802.11ax he40		802.11ax he80		802.11ax he160	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
97	**6435**	99	**6445**	/	/	/	/
101	6455	/	/	/	/	/	/
105	**6475**	/	/	103	**6465**	/	/
109	6495	107	**6485**	/	/	/	/
113	**6515**	/	/	/	/	/	/

Crossed U-NII 6 and U-NII 7:

802.11ax he20		802.11ax he40		802.11ax he80		802.11ax he160	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
/	/	115	**6525**	119	**6545**	111	**6505**

U-NII 7 Band(6525-6875 MHz):

802.11ax he20		802.11ax he40		802.11ax he80		802.11ax he160	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
117	**6535**	123	**6565**	135	**6625**	/	/
121	6555	131	6605	/	/	/	/
~	~	~	~	/	/	/	/
149	**6695**	147	**6685**	151	**6705**	143	**6665**
~	~	~	~	/	/	/	/
177	6835	171	6805	/	/	/	/
181	**6855**	179	**6845**	167	**6785**	/	/

Crossed U-NII 7 and U-NII 8:

802.11ax he20		802.11ax he40		802.11ax he80		802.11ax he160	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
185	**6875**	187	**6885**	183	**6865**	175	**6825**

U-NII 8 Band(6875-7125 MHz):

802.11ax he20		802.11ax he40		802.11ax he80		802.11ax he160	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
189	**6895**	195	**6925**	199	**6945**	/	/
193	6915	~	~	/	/	/	/
~	~	~	~	/	/	/	/
213	**7015**	211	**7005**	/	/	207	**6985**
~	~	~	~	/	/	/	/
225	7075	~	~	/	/	/	/
229	**7095**	227	**7085**	215	**7025**	/	/

3.2 EUT Exercise Software

EUT Operation Mode:	The system was configured for testing in Engineering Mode, which was provided by the manufacturer.
Equipment Modifications:	No
EUT Exercise Software:	access Mtool

The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer▲:

Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting			
				Chain 0	Chain 1	Chain 2	Chain 3
U-NII 5 Band(5925-6425 MHz):							
802.11ax he20	Lowest	5955	MCS0	**-8**	**-9**	**-8**	**-8**
	Middle	6175	MCS0	**-8**	**-9**	**-8**	**-8**
	Highest	6415	MCS0	**-8**	**-9**	**-7**	**-8**
802.11ax he40	Lowest	5965	MCS0	**-5**	**-6**	**-5**	**-5**
	Middle	6165	MCS0	**-5**	**-6**	**-5**	**-5**
	Highest	6405	MCS0	**-5**	**-6**	**-4**	**-5**
802.11ax he80	Lowest	5985	MCS0	**-2**	**-3**	**-3**	**-2**
	Middle	6145	MCS0	**-2**	**-3**	**-3**	**-2**
	Highest	6385	MCS0	**-2**	**-3**	**-1**	**-2**
802.11ax he160	Lowest	6025	MCS0	**2**	**1**	**2**	**3**
	Middle	6185	MCS0	**2**	**1**	**2**	**2**
	Highest	6345	MCS0	**3**	**2**	**3**	**3**
U-NII 6 Band(6425-6525 MHz):							
802.11ax he20	Lowest	6435	MCS0	**-8**	**-9**	**-7**	**-8**
	Middle	6475	MCS0	**-8**	**-9**	**-7**	**-8**
	Highest	6515	MCS0	**-8**	**-9**	**-7**	**-8**
802.11ax he40	Lowest	6445	MCS0	**-5**	**-6**	**-4**	**-5**
	Highest	6485	MCS0	**-5**	**-6**	**-4**	**-5**
802.11ax he80	Middle	6465	MCS0	**-2**	**-3**	**-2**	**-2**
Crossed U-NII 6 and U-NII 7:							
802.11ax he40	Additional	6525	MCS0	**-5**	**-6**	**-4**	**-5**
802.11ax he80	Additional	6545	MCS0	**-2**	**-3**	**-2**	**-2**
802.11ax he160	Additional	6505	MCS0	**2**	**1**	**3**	**3**

U-NII 7 Band(6525-6875 MHz):							
802.11ax he20	Lowest	6535	MCS0	**-8**	**-9**	**-8**	**-8**
	Middle	6695	MCS0	**-8**	**-9**	**-8**	**-8**
	Highest	6855	MCS0	**-8**	**-9**	**-8**	**-8**
802.11ax he40	Lowest	6565	MCS0	**-5**	**-6**	**-5**	**-5**
	Middle	6685	MCS0	**-5**	**-6**	**-5**	**-5**
	Highest	6845	MCS0	**-5**	**-6**	**-5**	**-5**
802.11ax he80	Lowest	6625	MCS0	**-2**	**-3**	**-2**	**-2**
	Middle	6705	MCS0	**-2**	**-3**	**-2**	**-2**
	Highest	6785	MCS0	**-1**	**-3**	**-2**	**-2**
802.11ax he160	Middle	6665	MCS0	**2**	**2**	**0**	**2**
Crossed U-NII 7 and U-NII 8:							
802.11ax he20	Additional	6875	MCS0	**-6**	**-8**	**-7**	**-8**
802.11ax he40	Additional	6885	MCS0	**-3**	**-6**	**-4**	**-5**
802.11ax he80	Additional	6865	MCS0	**-1**	**-3**	**-2**	**-2**
802.11ax he160	Additional	6825	MCS0	**2**	**1**	**3**	**2**
U-NII 8 Band(6875-7125 MHz):							
802.11ax he20	Lowest	6895	MCS0	**-6**	**-8**	**-7**	**-8**
	Middle	7015	MCS0	**-6**	**-8**	**-7**	**-8**
	Highest	7095	MCS0	**-9**	**-8**	**-7**	**-8**
802.11ax he40	Lowest	6925	MCS0	**-3**	**-6**	**-4**	**-5**
	Middle	7005	MCS0	**-3**	**-5**	**-4**	**-5**
	Highest	7085	MCS0	**-6**	**-5**	**-4**	**-4**
802.11ax he80	Lowest	6945	MCS0	**0**	**-1**	**0**	**-2**
	Highest	7025	MCS0	**-2**	**-1**	**0**	**-2**
802.11ax he160	Middle	6985	MCS0	**3**	**2**	**3**	**2**

Note:
1. The above are the worst-case data rates, which are determined for each mode based upon investigations by measuring the average power and PSD across all data rates, bandwidths, and modulations.
2. The device supports SISO and MIMO in all modes, per pretest, 4T4R mode was the worst mode and reported for 802.11ax modes.
3. For 802.11ax mode, the device not support partial RU mode.

3.3 Support Equipment List and Details

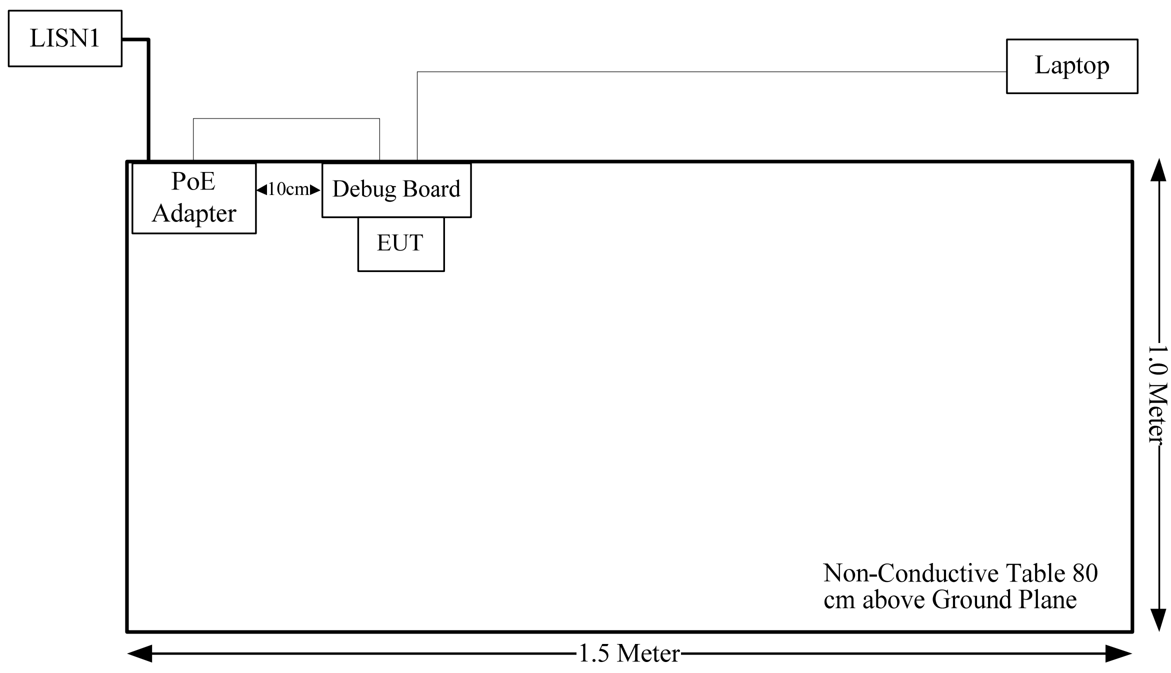
Manufacturer	Description	Model	Serial Number
/	Debug board	/	EMF35JF9903
Lenovo	Laptop	G510	CB30920865
/	PoE Power Supply	LZD201-24W-48V-G	EZ204233F3G

3.4 Support Cable List and Details

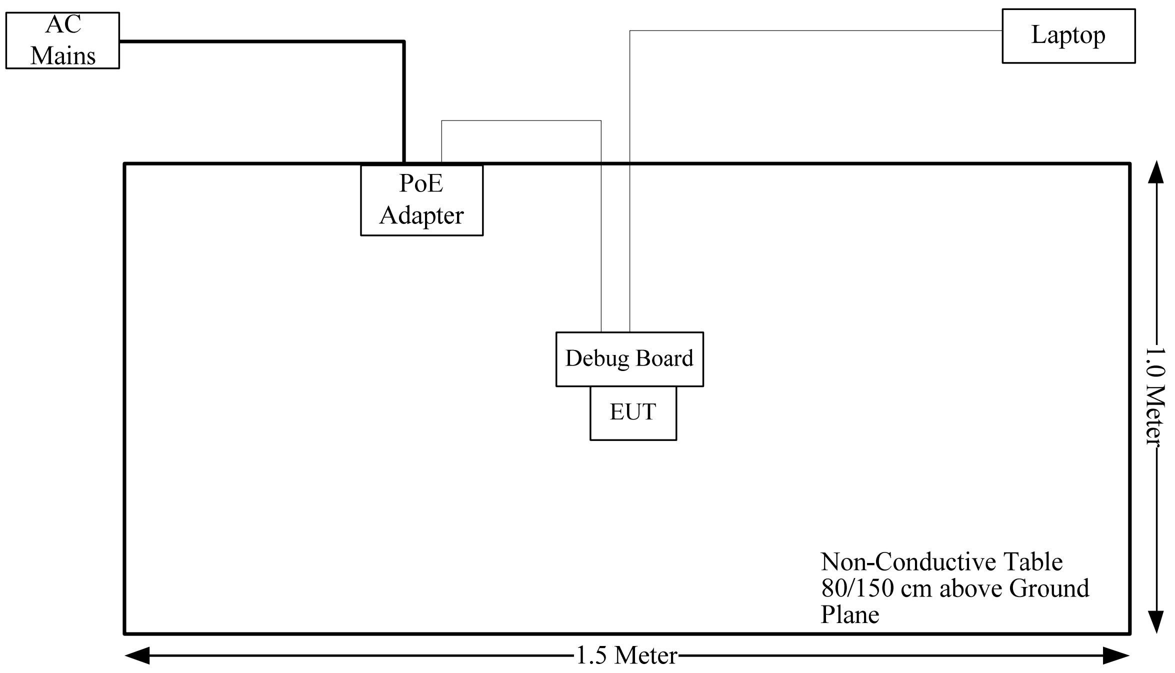
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
AC Cable	No	No	0.8	LISN	PoE
RJ45 Cable	No	No	1.5	POE Power Supply	Debug board
RJ45 Cable	No	No	10	Debug board	Laptop

3.5 Block Diagram of Test Setup

AC line conducted emissions:



Spurious Emissions:



3.6 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 829273, the FCC Designation No. : CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

3.7 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.61dB
Power Spectral Density, conducted	±0.61 dB
Unwanted Emissions, radiated	9kHz~30MHz: 3.3dB, 30MHz~200MHz: 4.55 dB, 200MHz~1GHz: 5.92 dB, 1GHz~6GHz: 4.98 dB, 6GHz~18GHz: 5.89 dB, 18GHz~26.5GHz:5.47 dB, 26.5GHz~40GHz:5.63 dB
Unwanted Emissions, conducted	±2.47 dB
Temperature	±1℃
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	3.11 dB (150 kHz to 30 MHz)

4. REQUIREMENTS AND TEST PROCEDURES

4.1 AC Line Conducted Emissions

4.1.1 Applicable Standard

FCC§15.207(a).

(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to thepublic utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency orfrequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μH/50 ohmsline impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement ofthe radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundarybetween the frequency ranges.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

(b) The limit shown in paragraph (a) of this section shall not apply to carrier current systems operating as intentional radiators onfrequencies below 30 MHz. In lieu thereof, these carrier current systems shall be subject to the following standards:

(1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to bereceived using a standard AM broadcast receiver: no limit on conducted emissions.

(2) For all other carrier current systems: 1000 μV within the frequency band 535-1705 kHz, as measured using a 50 μH/50 ohmsLISN.

(3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits in §15.205, §15.209, §15.221,§15.223, or §15.227, as appropriate.

(c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ batterypower for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the ACpower lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, ACadapters or battery eliminators or that connect to the AC power lines indirectly, obtainig their power through another device which isconnected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

RSS-Gen Clause 8.8

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 4, as measured using a 50 µH / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.
For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 4 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

Table 4 – AC power-line conducted emissions limits

Frequency (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56[1]	56 to 46[1]
0.5 – 5	56	46
5 – 30	60	50

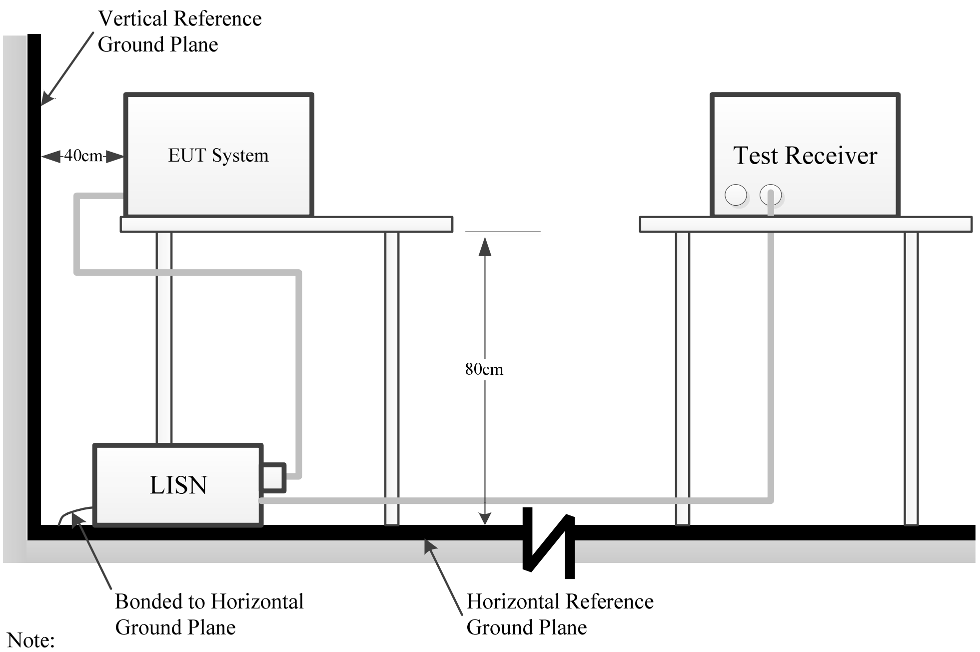
Note 1: The level decreases linearly with the logarithm of the frequency.

For an EUT with a permanent or detachable antenna operating between 150 kHz and 30 MHz, the AC power-line conducted emissions must be measured using the following configurations:

(a) Perform the AC power-line conducted emissions test with the antenna connected to determine compliance with the limits of table 4 outside the transmitter's fundamental emission band.

(b) Retest with a dummy load instead of the antenna to determine compliance with the limits of table 4 within the transmitter's fundamental emission band. For a detachable antenna, remove the antenna and connect a suitable dummy load to the antenna connector. For a permanent antenna, remove the antenna and terminate the RF output with a dummy load or network that simulates the antenna in the fundamental frequency band.

4.1.2 EUT Setup



Note:
1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at least 80 cm from other units and oter metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207,RSS-Gen limits.

The spacing between the peripherals was 10cm.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

4.1.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

4.1.4 Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase (“hot”) line(s) and (if used) on the neutral line(s), but not on the ground[protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

4.1.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor
Factor=attenuation caused by cable loss + voltage division factor of AMN

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

4.1.6 Test Result

Please refer to section 5.1.

4.2 Radiation Spurious Emissions

4.2.1 Applicable Standard

FCC §15.407 (b);

(6) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

(9) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in § 15.207.

(10) The provisions of § 15.205 apply to intentional radiators operating under this section.

RSS-248 Clause 4.6.1 This section specifies measurement requirements for unwanted emission limits for RLAN devices. Measurement requirements

The power of the unwanted emissions shall be measured in terms of average value.

Measurements shall employ a resolution bandwidth of 1 MHz. A narrower resolution bandwidth may be used, provided the measured power is integrated over 1 MHz. Measurements of the unwanted emissions shall be performed and reported using the lowest and highest channels that the device supports.

For purposes of this section, the channel bandwidth is identical to the occupied bandwidth or the 26 dB emission bandwidth, whereas the channel edges are the outermost frequency points that define the channel bandwidth.

If the transmission is in bursts, the provisions for pulsed operation in RSS-Gen shall apply.

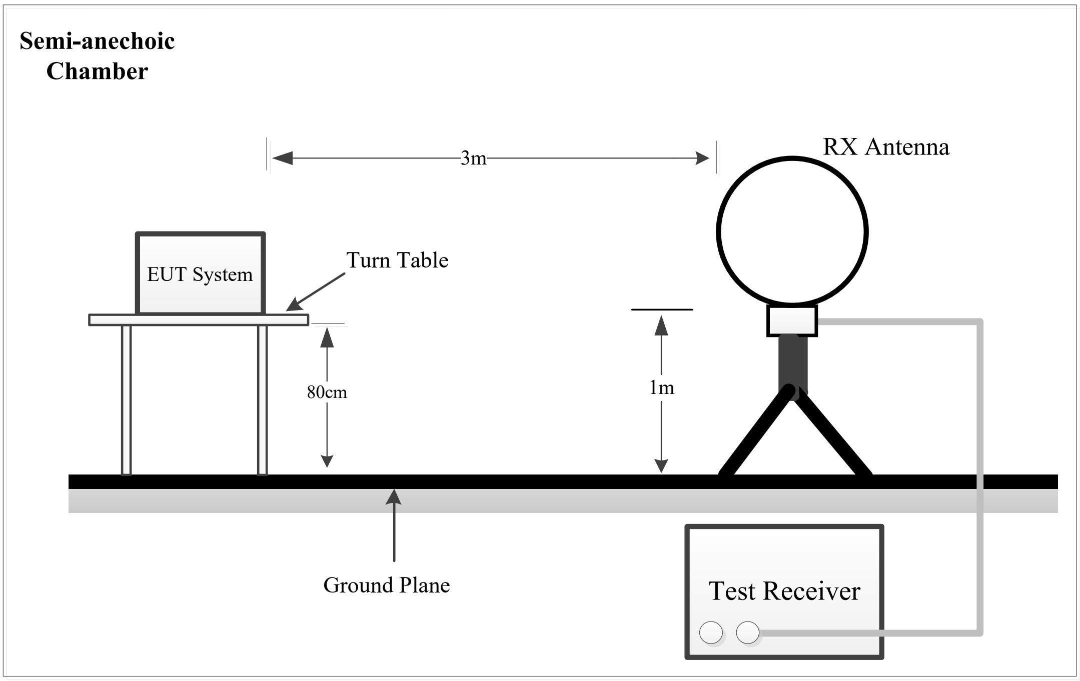
RSS-248 Clause 4.6. 2 Unwanted emission limits

The following unwanted emission limits shall apply:

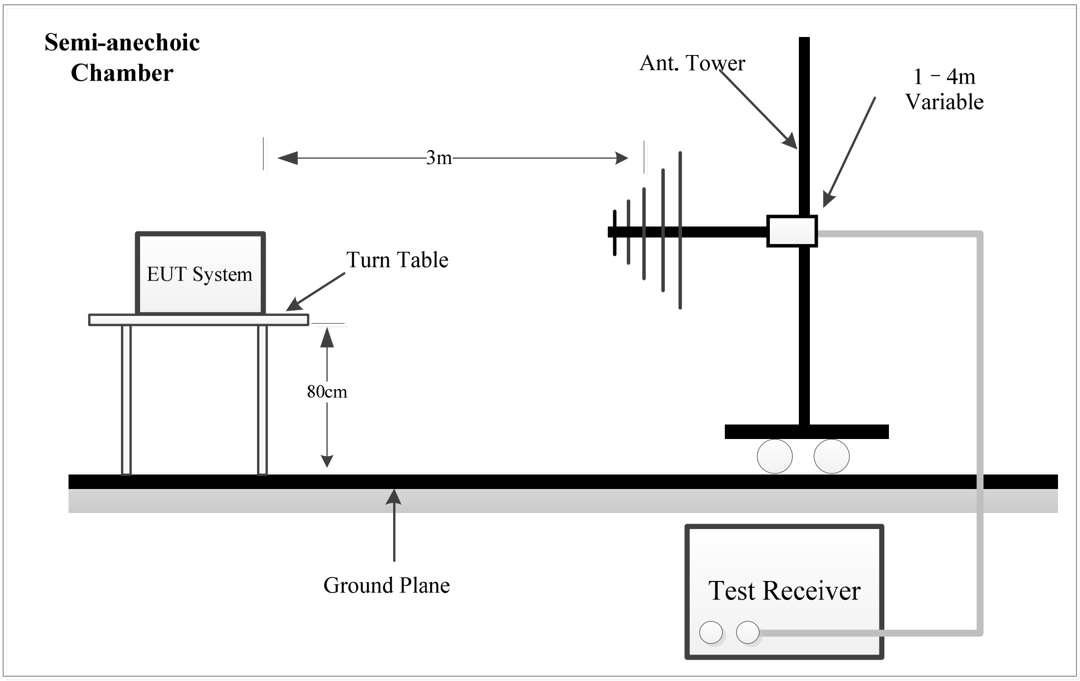
a. Any emissions outside of the 5925-7125 MHz frequency band shall not exceed –27 dbm/MHz e.i.r.p. Spectral density

4.2.2 EUT Setup

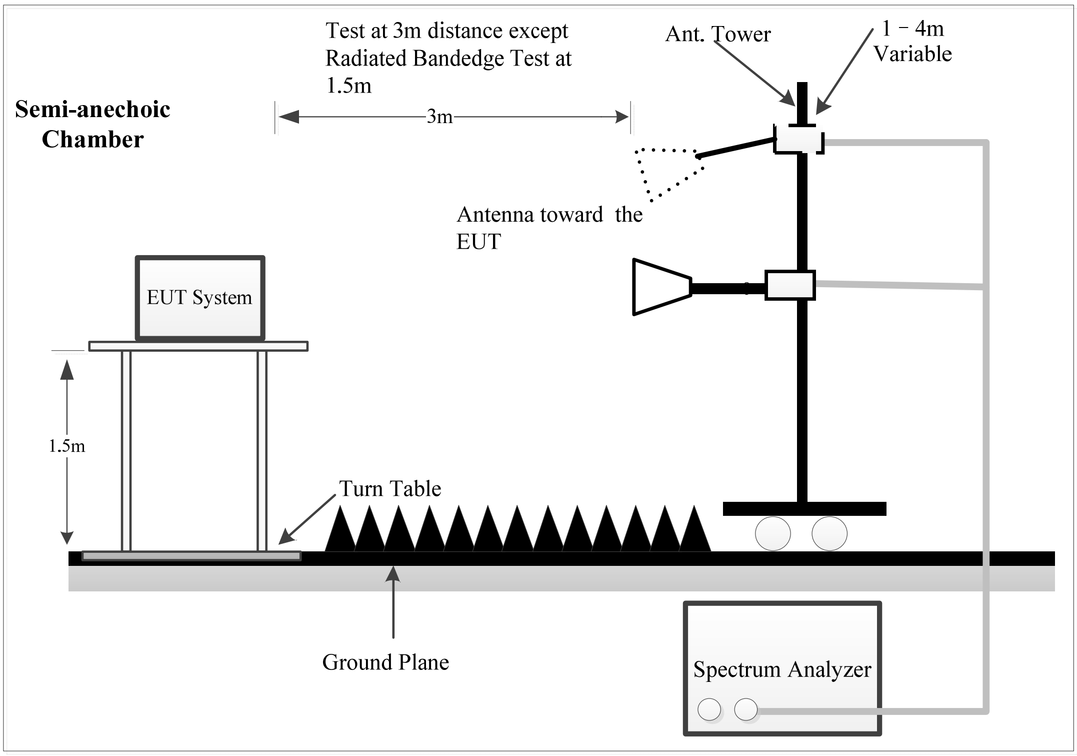
9kHz~30MHz:



30MHz~1GHz:



Above 1GHz:



The radiated emission tests were performed in the semi-anechoic chamber, using the setup accordance with the ANSI C63.10-2013. The specification used was FCC 15.209, FCC 15.407, RSS-248 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle. The spacing between the peripherals was 10 cm.

For 9kHz-30MHz test, the lowest height of the magnetic antenna shall be 1 m above the ground and three antenna orientations (parallel, perpendicular, and ground-parallel) shall be measured.

4.2.3 EMI Test Receiver & Spectrum Analyzer Setup

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

9kHz-1000MHz:

Frequency Range	Measurement	RBW	Video B/W	IF B/W
9 kHz – 150 kHz	QP/AV	200 Hz	1 kHz	200 Hz
150 kHz – 30 MHz	QP/AV	9 kHz	30 kHz	9 kHz
30 MHz – 1000 MHz	PK	100 kHz	300 kHz	/
	QP	/	/	120 kHz

1GHz- 40GHz:

Measurement	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3 MHz
Ave.	>98%	1MHz	10 Hz
	<98%	1MHz	≥1/T

Note: T is minimum transmission duration

If the maximized peak measured value complies with under the QP limit more than 6dB, then it is unnecessary to perform an QP measurement.

If the maximized peak measured value complies with under the Average limit, then it is unnecessary to perform an Average measurement.

4.2.4 Test Procedure

During the radiated emission test, the adapter was connected to the first AC floor outlet.

Data was recorded in Quasi-peak detection mode for frequency range of 9 kHz -1 GHz, except 9-90 kHz, 110-490 kHz, employing an average detector, peak and Average detection modes for frequencies above 1 GHz.

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, emission shall be computed as: E [dBμV/m] = EIRP[dBm] + 95.2, for d = 3 meters.

For Radiated Bandedge test, which was performed at 1.5 m distance, according to C63.10, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.5m
Distance extrapolation Factor =20 log (specific distance [3m]/test distance [1.5m]) dB= 6.0 dB

All emissions under the average limit and under the noise floor have not recorded in the report.

4.2.5 Corrected Result & Margin Calculation

The basic equation is as follows:

Factor = Antenna Factor + Cable Loss- Amplifier Gain

Corrected Amplitude= Reading + Factor

Extrapolation Result = Corrected Amplitude- Extrapolation Factor

For Radiated Bandedge test: Extrapolation Factor=6.0 dB

For other emission test: Extrapolation Factor=0 dB

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit –Extrapolation Result

4.2.6 Test Result

Please refer to section 5.2.

4.3 26 dB Emission Bandwidth

4.3.1 Applicable Standard

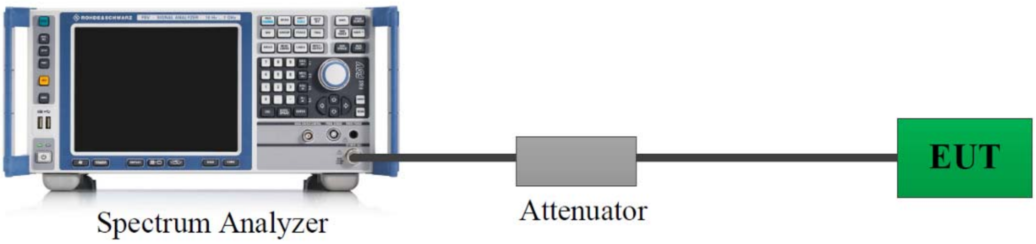
FCC§15.407(a)(11)

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

RSS-248 Clause 4.4

The occupied bandwidth of an RLAN device shall not exceed 320 MHz.

4.3.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port, which was provided by manufacturer.

4.3.3 Test Procedure

Test Method: KDB789033 D02 Clause II.C

Emission Bandwidth (EBW)
a) Set RBW = approximately 1% of the emission bandwidth.
b) Set the VBW > RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
f) For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) ≥3* RBW.
g) Measure and record the results in the test report.

4.3.4 Test Result

Please refer to section 5.3.

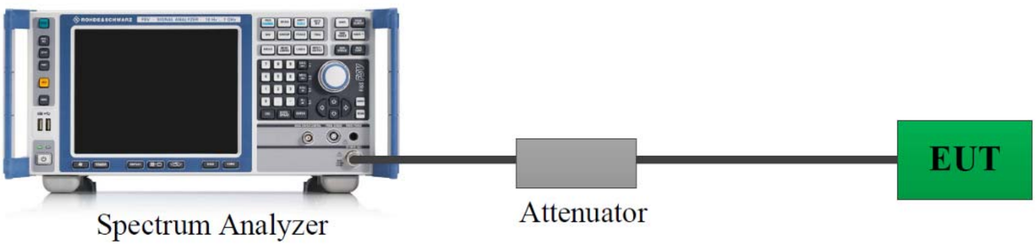
4.4 99% Occupied Bandwidth

4.4.1 Applicable Standard

RSS-Gen Clause 6.7

The occupied bandwidth or the “99% emission bandwidth” is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.
In some cases, the “x dB bandwidth” is required, which is defined as the frequency range between two points, one at the lowest frequency below and one at the highest frequency above the carrier frequency, at which the maximum power level of the transmitted emission is attenuated x dB below the maximum in-band power level of the modulated signal, where the two points are on the outskirts of the in-band emission.
The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:
The transmitter shall be operated at its maximum carrier power measured under normal test conditions.
The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
The detector of the spectrum analyzer shall be set to “Sample”. However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or “Max Hold”) may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value.
Video averaging is not permitted.
Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.
For the 99% emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99% emission bandwidth).

4.4.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port, which was provided by manufacturer.

4.4.3 Test Procedure

According to ANSI C63.10-2013 Section 6.9.3

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:
a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2.
d) Step a) through step c) might require iteration to adjust within the specified range.
e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

4.4.4 Test Result

Please refer to section 5.4.

4.5 Maximum EIRP

4.5.1 Applicable Standard

FCC §15.407(a) (8)

For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

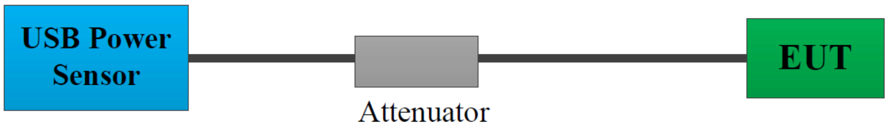
RSS-248 Clause 4.5.3 Power limits for low-power client devices

The following limits shall apply to low-power client devices:

a. the maximum e.i.r.p. spectral density shall not exceed –1 dBm/MHz and

b. the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm

4.5.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port, which was provided by manufacturer. The cable loss of this RF cable was offset into the setting of test equipment, which was provided by manufacturer▲.

4.5.3 Test Procedure

Test Method: KDB789033 D02 Clause II.E.3 b)

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

4.5.4 Test Result

Please refer to section 5.5.

4.6 Maximum power spectral density

4.6.1 Applicable Standard

FCC §15.407(a) (8)

For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

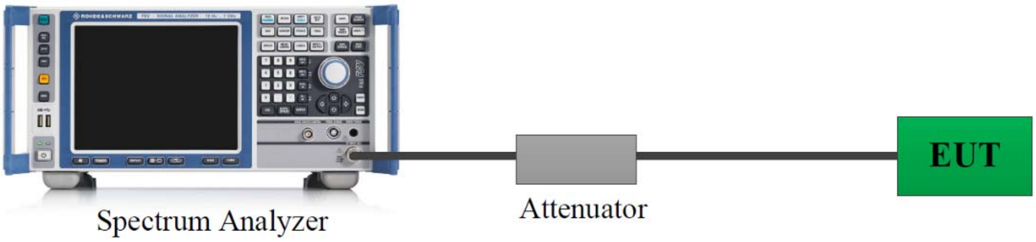
RSS-248 Clause 4.5.3 Power limits for low-power client devices

The following limits shall apply to low-power client devices:

a. the maximum e.i.r.p. spectral density shall not exceed –1 dBm/MHz and

b. the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm

4.6.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port, which was provided by manufacturer. The cable loss of this RF cable was offset into the setting of test equipment, which was provided by manufacturer▲.

4.6.3 Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Duty cycle ⩾98%

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-1 should be applied.

Duty cycle <98%, duty cycle variations are less than ±2%

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 should be applied.

Duty cycle <98%, duty cycle variations exceed ±2%

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-3 should be applied.

4.6.4 Test Result

Please refer to section 5.6.

4.7 In-Band Emission

4.7.1 Applicable Standard

FCC§15.407(b) (7)

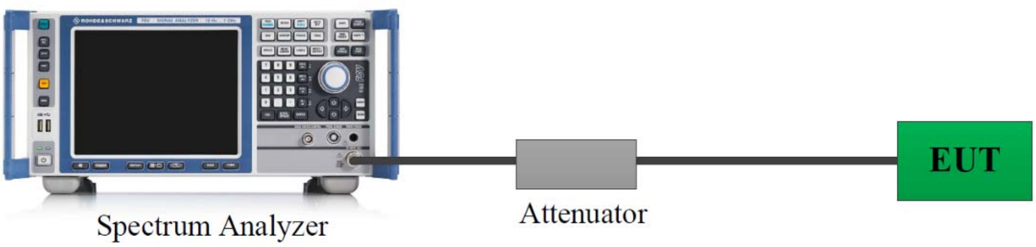
For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

RSS-248 Clause 4.6.2 b

the e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz frequency band shall be attenuated below the reference power spectral density by:

i. 20 dB at 1 MHz away from the channel edges
ii. a value, linearly interpolated in a dB scale, between 20 dB and 28 dB at frequencies between 1 MHz outside of channel edges and 1 channel bandwidth away from the operating channel centre, respectively
iii. 28 dB at 1 channel bandwidth away from the operating channel centre
iv. a value, linearly interpolated in a dB scale, between 28 dB and 40 dB at frequencies between 1 channel bandwidth away from the operating channel centre and 1.5 times the channel bandwidth away from the operating channel centre, respectively
v. 40 dB at 1.5 times the channel bandwidth away from the operating channel centre
vi. a minimum of 40 dB at frequencies that are further away than 1.5 times the channel bandwidth from the operating channel centre

4.7.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port, which was provided by manufacturer.

4.7.3 Test Procedure

According to KDB 987594 D02 U-NII 6GHz EMC Measurement v02r01 Clause J

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Take nominal bandwidth as reference channel bandwidth provided that 26 dB emission bandwidth is always larger than nominal bandwidth.
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:

a) Set the span to encompass the entire 26 dB EBW of the signal.
b) Set RBW = same RBW used for 26 dB EBW measurement.
c) Set VBW ≥ 3 X RBW
d) Number of points in sweep ≥ [2 X span / RBW].
e) Sweep time = auto.
f) Detector = RMS (i.e., power averaging)
g) Trace average at least 100 traces in power averaging (rms) mode.
h) Use the peak search function on the instrument to find the peak of the spectrum.

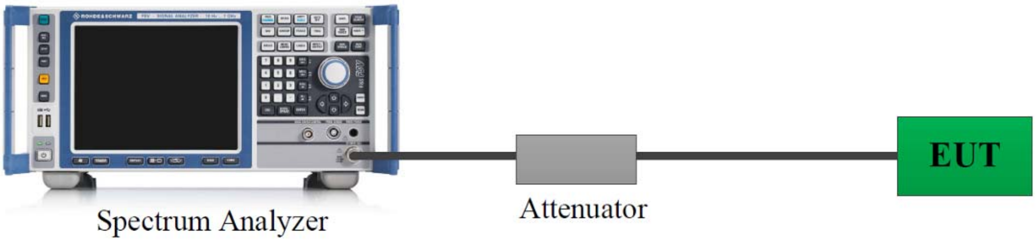
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
    a. Suppressed by 20 dB at 1 MHz outside of the channel edge.
    b. Suppressed by 28 dB at one channel bandwidth from the channel center.
    c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

4.7.4 Test Result

Please refer to section 5.7.

4.8 Duty Cycle

4.8.1 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port, which was provided by manufacturer.

4.8.2 Test Procedure

According to ANSI C63.10-2013 Section 12.2

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:
1) Set the center frequency of the instrument to the center frequency of the transmission.
2) Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.
3) Set VBW ≥ RBW. Set detector = peak or average.
4) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if T ≤ 16.7 μs.)

4.8.3 Judgment

Report Only. Please refer to section 5.7.

4.9 Contention Based Protocol

4.9.1 Applicable Standard

FCC 15.407(d) (6) &KDB 98754 D02.

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band . To ensure incumbent co-channel operations are detected in a technology-agnosticic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least-62 dBm or lower. Upon detection of energy in the band , unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold(-62dBm)1.The -62dBm(or lower)
Threshold is referenced to a 0dBi antenna gain.

To ensure incumbent operations are reliably detected in the band , low power indoor devices must detect RF energy throughout intended operating channel . For example , an 802 .device that plans to transmit a
40 MHz-wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally , low-power indoor devices must detect co-channel energy with 90% or greater certainty .

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

where:
$BWEUT$: Transmission bandwidth of EUT signal
$BWInc$: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)
$fc1$: Center frequency of EUT transmission
$fc2$: Center frequency of simulated incumbent signal

A RSS-248 Clause 4.7

This section sets out the requirements for the use of a contention-based protocol. Low-power indoor access points, indoor subordinate devices, and low-power client devices shall employ a contention-based protocol.

The FCC's accepted KDB procedures listed on ISED's Certification and Engineering Bureau website (see the Normative Test Standards and Acceptable Alternate Procedures page) shall be used to demonstrate the compliance of a device with the contention-based protocol requirements set out in this section.

The minimum detection threshold power is the received power referenced to a 0 dBi antenna. Devices shall use a contention-based protocol to detect the presence of any emissions on the channel that the device intends to occupy. The device shall be able to detect, within its entire occupied bandwidth, a radio frequency power of at least -62 dBm or lower.

If an emission is detected on a channel, the device shall cease transmissions and shall not resume transmissions on this channel while the detected radio frequency power is at or above the -62 dBm threshold.

4.9.2 EUT Setup

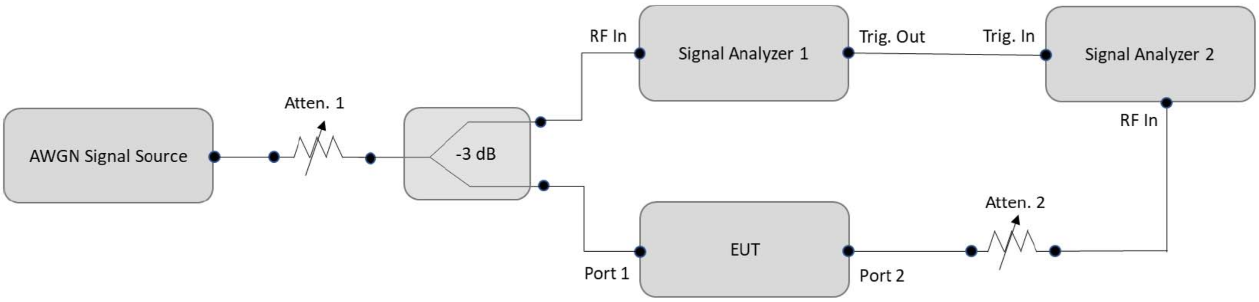


Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup

4.9.3 Test Procedure

According to KDB 987594 D02 U-NII 6GHz EMC Measurement v02r01 Clause I

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

4.9.4 Test Result

Please refer to section 5.9.

4.10 Antenna Requirement

4.10.1 Applicable Standard

FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or§15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

RSS-Gen Clause 6.8

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

4.10.2 Judgment

Result: Compliant. Please refer to the Antenna Information detail in Section 1.

4.11 Operational requirements

4.11.1 Applicable Standard

RSS-248 Clause 4.8 Operational requirements

This section sets out operational requirements for RLAN devices. The following operational requirements shall apply to RLAN devices:

a. Devices shall automatically stop transmitting if there is an absence of information to transmit or an operational failure. Note that the intention is not to prohibit either the transmission of control or signalling information, or the use of repetitive codes, where one or both are required by the technology. An explanation of how to stop transmitting shall be included in the certification filing.

b.Devices shall not be used for control of or communications with unmanned aircraft systems.

RSS-248 Clause 4.8.2 Standard client devices and low-power client devices

For standard client devices and low-power client devices, the following requirements shall apply:

a. devices shall not connect directly to another standard client device or low-power client device

b. these devices may transmit brief messages to an access point after detecting a signal confirming that the access point is operating on a particular frequency, in order to join the access point's network

4.10.2 Judgment

Result: Compliant.

The device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. Please refer to the declaration.

The devices are not be used for control of or communications with unmanned aircraft systems.

No devices can connect directly to this device. Please refer to the declaration.

These devices may transmit brief messages to an access point after detecting a signal confirming that the access point is operating on a particular frequency, in order to join the access point's network.

5. Test DATA AND RESULTS

5.1 AC Line Conducted Emissions

Serial Number:	2I3G-3	Test Date:	2024/3/14
Test Site:	CE	Test Mode:	Transmitting
Tester:	Lane Sun	Test Result:	Pass

Environmental Conditions:

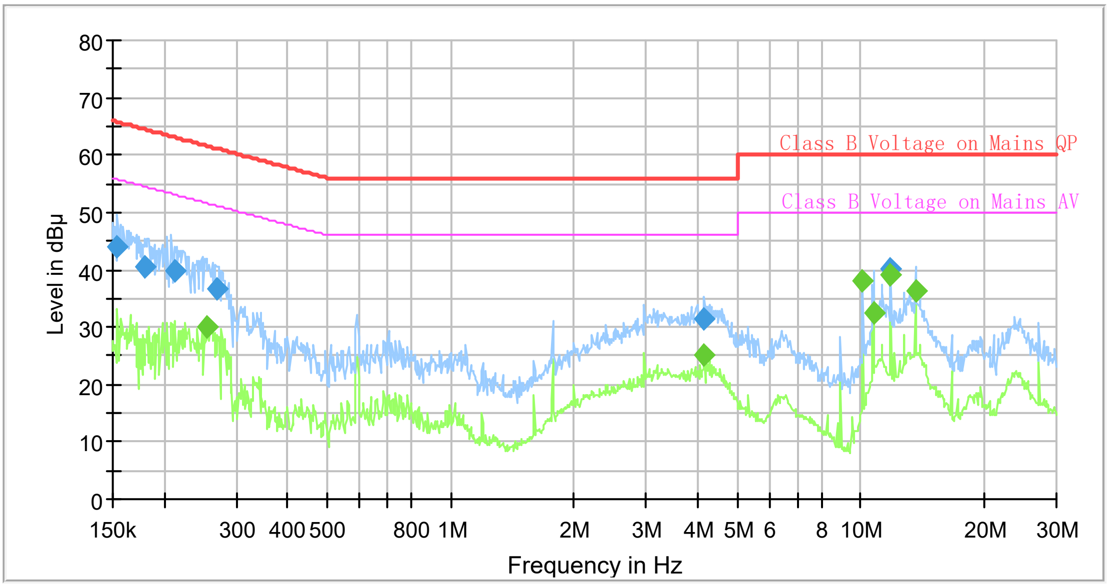
Temperature: (℃)	21.6	Relative Humidity: (%)	59	ATM Pressure: (kPa)	101.1

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101614	2023/10/18	2024/10/17
MICRO-COAX	Coaxial Cable	C-NJNJ-50	C-0200-01	2023/9/5	2024/9/4
R&S	EMI Test Receiver	ESCI	100035	2023/8/18	2024/8/17
R&S	Test Software	EMC32	V9.10.00	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

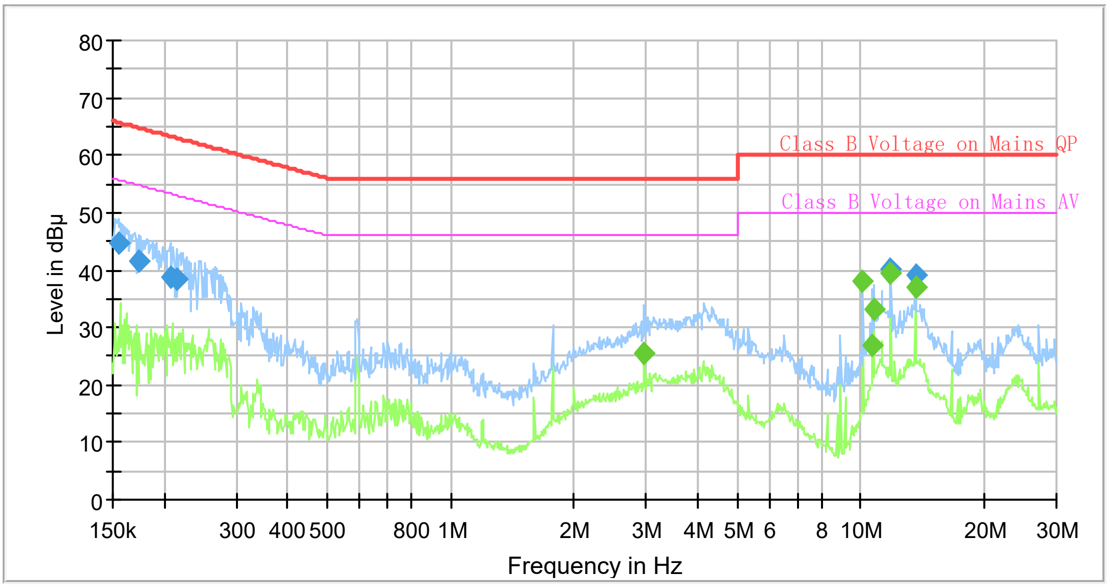
Project No:	DG2240228-09775E-RF
Test Engineer:	Lane Sun
Test Date:	2024-3-14
Port:	L
Test Mode:	Transmitting
Power Source:	AC 120V/60Hz
Note:	802.11ax he160 6985MHz



Final_Result

Frequency (MHz)	QuasiPeak (dB µ V)	Average (dB µ V)	Limit (dB µ V)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.153788	44.18	---	65.79	21.61	9.000	L1	10.8
0.180400	40.43	---	64.47	24.04	9.000	L1	10.8
0.211616	39.98	---	63.14	23.16	9.000	L1	10.8
0.255776	---	29.90	51.57	21.67	9.000	L1	10.8
0.270201	36.54	---	61.11	24.57	9.000	L1	10.8
4.156123	31.39	---	56.00	24.61	9.000	L1	10.8
4.156123	---	25.19	46.00	20.81	9.000	L1	10.8
10.098279	---	38.01	50.00	11.99	9.000	L1	10.8
10.774725	---	32.57	50.00	17.43	9.000	L1	10.8
11.845717	---	39.22	50.00	10.78	9.000	L1	10.8
11.845717	40.18	---	60.00	19.82	9.000	L1	10.8
13.621066	---	36.35	50.00	13.65	9.000	L1	10.8

Project No:	DG2240228-09775E-RF
Test Engineer:	Lane Sun
Test Date:	2024-3-14
Port:	N
Test Mode:	Transmitting
Power Source:	AC 120V/60Hz
Note:	802.11ax he160 6985MHz



Final_Result

Frequency (MHz)	QuasiPeak (dB µ V)	Average (dB µ V)	Limit (dB µ V)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.154557	44.62	---	65.75	21.13	9.000	N	10.9
0.174210	41.54	---	64.76	23.22	9.000	N	10.9
0.207437	38.95	---	63.31	24.36	9.000	N	10.8
0.214807	38.47	---	63.02	24.55	9.000	N	10.8
2.960712	---	25.33	46.00	20.67	9.000	N	10.9
10.098279	---	38.17	50.00	11.83	9.000	N	10.9
10.667780	---	26.98	50.00	23.02	9.000	N	10.9
10.774725	---	33.22	50.00	16.78	9.000	N	10.9
11.845717	40.16	---	60.00	19.84	9.000	N	10.9
11.845717	---	39.33	50.00	10.67	9.000	N	10.9
13.621066	---	37.00	50.00	13.00	9.000	N	10.9
13.621066	39.15	---	60.00	20.85	9.000	N	10.9

5.2 Radiation Spurious Emissions

Serial Number:	2I3G-3	Test Date:	Below 1GHz: 2024/3/27 Above 1GHz: 2024/4/8~2024/4/9
Test Site:	Chamber 10m, Chamber B	Test Mode:	Transmitting
Tester:	Alan Xie, Bill Yang	Test Result:	Pass

Environmental Conditions:

Temperature: (℃)	21.6~25.3	Relative Humidity: (%)	45~62	ATM Pressure: (kPa)	100.5~102

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
9kHz~1000MHz					
EMCO	Passive Loop Antenna	6512	9706-1206	2023/10/21	2026/10/20
Sunol Sciences	Hybrid Antenna	JB3	A060611-3	2024/1/12	2027/1/11
Wilson	Attenuator	859936	F-08-EM014	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2023/7/1	2024/6/30
Sonoma	Amplifier	310N	372193	2023/7/1	2024/6/30
R&S	EMI Test Receiver	ESR3	102453	2023/8/18	2024/8/17
Audix	Test Software	E3	191218 (V9)	N/A	N/A
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2024/9/6
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2023/11/17	2024/11/16
Audix	Test Software	E3	191218 (V9)	N/A	N/A
AH	Preamplifier	PAM-0118P	469	2023/8/19	2024/8/18
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-03 1304	2023/2/22	2026/2/21
Xinhang Macrowave	Coaxial Cable	XH360A-2.92/J-2.92/J-6M-A	20231208001 #0001	2023/12/11	2024/12/10
AH	Preamplifier	PAM-1840VH	191	2023/9/7	2024/9/6
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2023/2/22	2026/2/21
R&S	Spectrum Analyzer	FSV40	101944	2023/10/18	2024/10/17
Micro-tronics	High Pass Filter	HPM50111	G217	2023/12/1	2024/11/30
JD	Multiplex Switch Test Control Set	DT7220SCU	DQ77922	2023/8/6	2024/8/5
JD	Filter Switch Unit	DT7220FSU	DQ77925	2023/8/6	2024/8/5

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

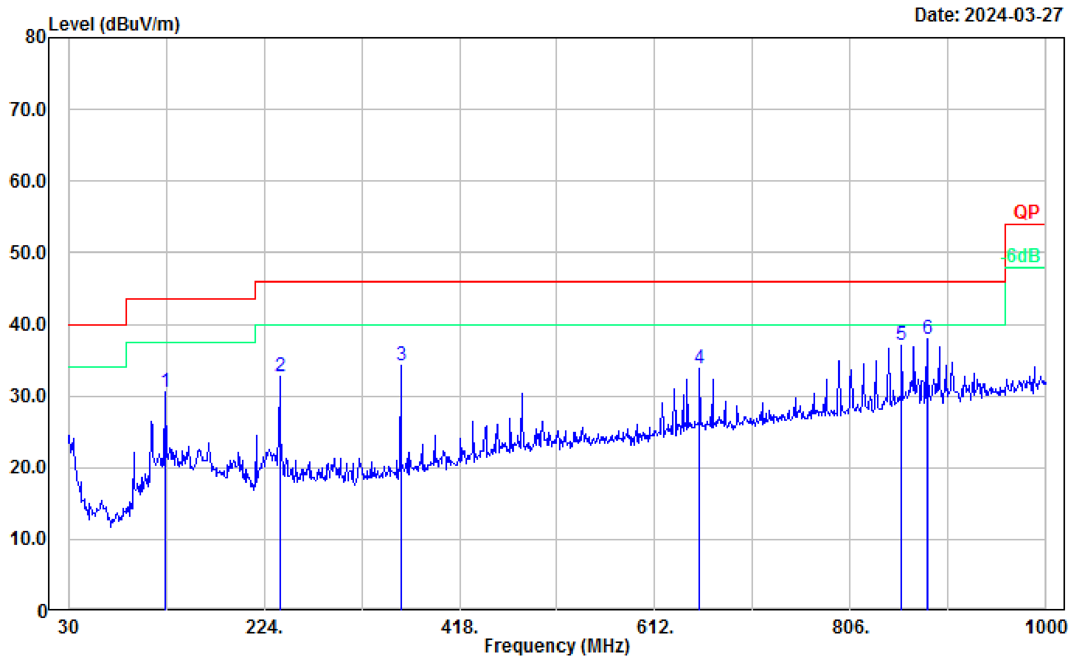
Please refer to the below table and plots.
After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

1) 9kHz~30MHz

802.11ax he160 6985MHz was tested. The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

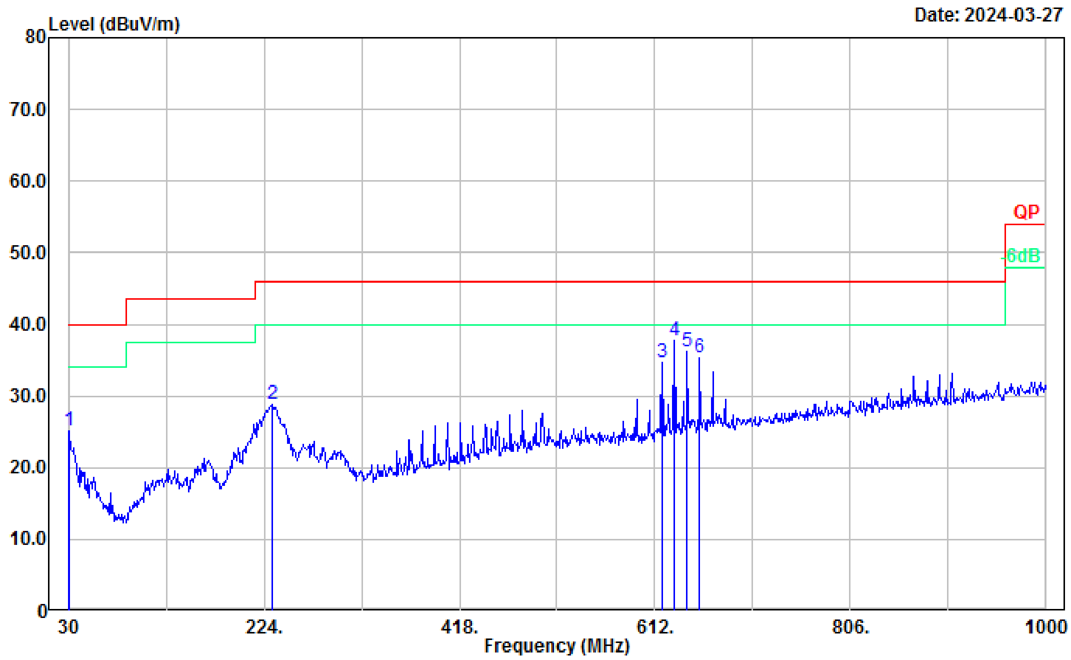
2) 30MHz-1GHz

Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Horizontal Tester: Alan Xie
Test Mode: Transmitting
Note: 802.11ax(he160)_middle channel 6985MHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	126.03	40.43	-9.90	30.53	43.50	12.97	Peak
2	239.52	43.66	-10.96	32.70	46.00	13.30	Peak
3	359.80	42.25	-7.89	34.36	46.00	11.64	Peak
4	656.62	34.75	-0.92	33.83	46.00	12.17	Peak
5	856.44	34.57	2.43	37.00	46.00	9.00	Peak
6	881.66	35.04	2.88	37.92	46.00	8.08	Peak

Project No.: DG2240228-09775E-RF
Serial No.: 2I3G-3
Polarization: Vertical
Tester: Alan Xie
Test Mode: Transmitting
Note: 802.11ax(he160)_middle channel 6985MHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.07	-2.99	25.08	40.00	14.92	Peak
2	231.76	39.65	-10.89	28.76	46.00	17.24	Peak
3	618.79	36.75	-2.17	34.58	46.00	11.42	Peak
4	631.40	39.51	-1.76	37.75	46.00	8.25	Peak
5	644.01	37.45	-1.21	36.24	46.00	9.76	Peak
6	656.62	36.17	-0.92	35.25	46.00	10.75	Peak

3) 1-40GHz:

5925-6425MHz:

802.11ax he20 Mode_Low Channel Frequency 5955 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
5850.00	31.99	PK	H	34.12	1.88	0.00	67.99	61.99	88.20	26.21
5850.00	19.88	AV	H	34.12	1.88	0.00	55.88	49.88	68.20	18.32
5850.00	30.83	PK	V	34.12	1.88	0.00	66.83	60.83	88.20	27.37
5850.00	19.24	AV	V	34.12	1.88	0.00	55.24	49.24	68.20	18.96
5925.00	32.32	PK	H	34.21	1.91	0.00	68.44	62.44	88.20	25.76
5925.00	20.22	AV	H	34.21	1.91	0.00	56.34	50.34	68.20	17.86
5925.00	31.49	PK	V	34.21	1.91	0.00	67.61	61.61	88.20	26.59
5925.00	19.67	AV	V	34.21	1.91	0.00	55.79	49.79	68.20	18.41
11910.00	43.46	PK	H	38.02	4.66	37.96	48.18	48.18	74.00	25.82
11910.00	33.74	AV	H	38.02	4.66	37.96	38.46	38.46	54.00	15.54
11910.00	45.89	PK	V	38.02	4.66	37.96	50.61	50.61	74.00	23.39
11910.00	35.74	AV	V	38.02	4.66	37.96	40.46	40.46	54.00	13.54

802.11ax he20 Mode_middle channel Frequency 6175 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12350.00	44.49	PK	H	38.07	4.66	38.23	48.99	48.99	74.00	25.01
12350.00	34.52	AV	H	38.07	4.66	38.23	39.02	39.02	54.00	14.98
12350.00	45.39	PK	V	38.07	4.66	38.23	49.89	49.89	74.00	24.11
12350.00	35.48	AV	V	38.07	4.66	38.23	39.98	39.98	54.00	14.02

802.11ax he20 Mode_high channel Frequency 6415 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12830.00	44.29	PK	H	38.43	4.64	39.18	48.18	48.18	88.20	40.02
12830.00	34.36	AV	H	38.43	4.64	39.18	38.25	38.25	68.20	29.95
12830.00	45.55	PK	V	38.43	4.64	39.18	49.44	49.44	88.20	38.76
12830.00	35.61	AV	V	38.43	4.64	39.18	39.50	39.5	68.20	28.70

802.11ax he40 Mode_Low Channel Frequency 5965 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
5850.00	31.06	PK	H	34.12	1.88	0.00	67.06	61.06	88.20	27.14
5850.00	20.62	AV	H	34.12	1.88	0.00	56.62	50.62	68.20	17.58
5850.00	31.19	PK	V	34.12	1.88	0.00	67.19	61.19	88.20	27.01
5850.00	21.05	AV	V	34.12	1.88	0.00	57.05	51.05	68.20	17.15
5925.00	30.45	PK	H	34.21	1.91	0.00	66.57	60.57	88.20	27.63
5925.00	20.04	AV	H	34.21	1.91	0.00	56.16	50.16	68.20	18.04
5925.00	31.10	PK	V	34.21	1.91	0.00	67.22	61.22	88.20	26.98
5925.00	19.94	AV	V	34.21	1.91	0.00	56.06	50.06	68.20	18.14
11930.00	44.68	PK	H	38.01	4.66	37.93	49.42	49.42	74.00	24.58
11930.00	34.35	AV	H	38.01	4.66	37.93	39.09	39.09	54.00	14.91
11930.00	44.84	PK	V	38.01	4.66	37.93	49.58	49.58	74.00	24.42
11930.00	34.42	AV	V	38.01	4.66	37.93	39.16	39.16	54.00	14.84

802.11ax he40 Mode_middle channel Frequency 6165 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12330.00	46.00	PK	H	38.07	4.66	38.21	50.52	50.52	74.00	23.48
12330.00	34.59	AV	H	38.07	4.66	38.21	39.11	39.11	54.00	14.89
12330.00	44.93	PK	V	38.07	4.66	38.21	49.45	49.45	74.00	24.55
12330.00	34.51	AV	V	38.07	4.66	38.21	39.03	39.03	54.00	14.97

802.11ax he40 Mode_high channel Frequency 6405 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12810.00	44.12	PK	H	38.41	4.64	39.13	48.04	48.04	88.20	40.16
12810.00	33.68	AV	H	38.41	4.64	39.13	37.60	37.6	68.20	30.60
12810.00	44.23	PK	V	38.41	4.64	39.13	48.15	48.15	88.20	40.05
12810.00	33.67	AV	V	38.41	4.64	39.13	37.59	37.59	68.20	30.61

802.11ax he80 Mode_Low Channel **Frequency** **5985** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
5850.00	31.26	PK	H	34.12	1.88	0.00	67.26	61.26	88.20	26.94
5850.00	21.03	AV	H	34.12	1.88	0.00	57.03	51.03	68.20	17.17
5850.00	31.85	PK	V	34.12	1.88	0.00	67.85	61.85	88.20	26.35
5850.00	21.02	AV	V	34.12	1.88	0.00	57.02	51.02	68.20	17.18
5925.00	31.30	PK	H	34.21	1.91	0.00	67.42	61.42	88.20	26.78
5925.00	20.52	AV	H	34.21	1.91	0.00	56.64	50.64	68.20	17.56
5925.00	30.91	PK	V	34.21	1.91	0.00	67.03	61.03	88.20	27.17
5925.00	20.37	AV	V	34.21	1.91	0.00	56.49	50.49	68.20	17.71
11970.00	44.40	PK	H	38.01	4.67	37.89	49.19	49.19	74.00	24.81
11970.00	34.21	AV	H	38.01	4.67	37.89	39.00	39	54.00	15.00
11970.00	44.27	PK	V	38.01	4.67	37.89	49.06	49.06	74.00	24.94
11970.00	33.68	AV	V	38.01	4.67	37.89	38.47	38.47	54.00	15.53

802.11ax he80 Mode_middle channel **Frequency** **6145** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12290.00	44.05	PK	H	38.06	4.66	38.16	48.61	48.61	74.00	25.39
12290.00	33.87	AV	H	38.06	4.66	38.16	38.43	38.43	54.00	15.57
12290.00	44.96	PK	V	38.06	4.66	38.16	49.52	49.52	74.00	24.48
12290.00	34.71	AV	V	38.06	4.66	38.16	39.27	39.27	54.00	14.73

802.11ax he80 Mode_high channel **Frequency** **6385** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12770.00	44.15	PK	H	38.37	4.64	39.04	48.12	48.12	88.20	40.08
12770.00	32.71	AV	H	38.37	4.64	39.04	36.68	36.68	68.20	31.52
12770.00	44.80	PK	V	38.37	4.64	39.04	48.77	48.77	88.20	39.43
12770.00	33.42	AV	V	38.37	4.64	39.04	37.39	37.39	68.20	30.81

802.11ax he160 Mode_Low Channel **Frequency** **6025** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
5850.00	31.20	PK	H	34.12	1.88	0.00	67.20	61.2	88.20	27.00
5850.00	20.19	AV	H	34.12	1.88	0.00	56.19	50.19	68.20	18.01
5850.00	30.95	PK	V	34.12	1.88	0.00	66.95	60.95	88.20	27.25
5850.00	20.27	AV	V	34.12	1.88	0.00	56.27	50.27	68.20	17.93
5925.00	30.24	PK	H	34.21	1.91	0.00	66.36	60.36	88.20	27.84
5925.00	20.01	AV	H	34.21	1.91	0.00	56.13	50.13	68.20	18.07
5925.00	30.55	PK	V	34.21	1.91	0.00	66.67	60.67	88.20	27.53
5925.00	20.11	AV	V	34.21	1.91	0.00	56.23	50.23	68.20	17.97
12050.00	43.40	PK	H	38.01	4.68	37.90	48.19	48.19	74.00	25.81
12050.00	32.88	AV	H	38.01	4.68	37.90	37.67	37.67	54.00	16.33
12050.00	44.14	PK	V	38.01	4.68	37.90	48.93	48.93	74.00	25.07
12050.00	33.56	AV	V	38.01	4.68	37.90	38.35	38.35	54.00	15.65

802.11ax he160 Mode_middle channel **Frequency** **6185** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
12370.00	45.47	PK	H	38.07	4.66	38.25	49.95	49.95	74.00	24.05
12370.00	35.13	AV	H	38.07	4.66	38.25	39.61	39.61	54.00	14.39
12370.00	45.39	PK	V	38.07	4.66	38.25	49.87	49.87	74.00	24.13
12370.00	34.89	AV	V	38.07	4.66	38.25	39.37	39.37	54.00	14.63

802.11ax he160 Mode_high channel **Frequency** **6345** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
12690.00	42.46	PK	H	38.29	4.64	38.85	46.54	46.54	74.00	27.46
12690.00	32.38	AV	H	38.29	4.64	38.85	36.46	36.46	54.00	17.54
12690.00	42.71	PK	V	38.29	4.64	38.85	46.79	46.79	74.00	27.21
12690.00	32.45	AV	V	38.29	4.64	38.85	36.53	36.53	54.00	17.47

6425-6525MHz:

802.11ax he20 Mode_Low Channel Frequency 6435 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12870.00	44.28	PK	H	38.47	4.64	39.28	48.11	48.11	88.20	40.09
12870.00	33.90	AV	H	38.47	4.64	39.28	37.73	37.73	68.20	30.47
12870.00	45.08	PK	V	38.47	4.64	39.28	48.91	48.91	88.20	39.29
12870.00	35.59	AV	V	38.47	4.64	39.28	39.42	39.42	68.20	28.78

802.11ax he20 Mode_middle channel Frequency 6475 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12950.00	45.38	PK	H	38.55	4.63	39.47	49.09	49.09	88.20	39.11
12950.00	35.86	AV	H	38.55	4.63	39.47	39.57	39.57	68.20	28.63
12950.00	45.95	PK	V	38.55	4.63	39.47	49.66	49.66	88.20	38.54
12950.00	34.58	AV	V	38.55	4.63	39.47	38.29	38.29	68.20	29.91

802.11ax he20 Mode_high channel Frequency 6515 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13030.00	43.52	PK	H	38.65	4.64	39.59	47.22	47.22	88.20	40.98
13030.00	32.87	AV	H	38.65	4.64	39.59	36.57	36.57	68.20	31.63
13030.00	43.87	PK	V	38.65	4.64	39.59	47.57	47.57	88.20	40.63
13030.00	33.31	AV	V	38.65	4.64	39.59	37.01	37.01	68.20	31.19

802.11ax he40 Mode_low channel Frequency 6445 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12890.00	45.23	PK	H	38.49	4.63	39.33	49.02	49.02	88.20	39.18
12890.00	34.48	AV	H	38.49	4.63	39.33	38.27	38.27	68.20	29.93
12890.00	45.48	PK	V	38.49	4.63	39.33	49.27	49.27	88.20	38.93
12890.00	35.38	AV	V	38.49	4.63	39.33	39.17	39.17	68.20	29.03

802.11ax he40 Mode_high channel Frequency 6485 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12970.00	43.96	PK	H	38.57	4.63	39.52	47.64	47.64	88.20	40.56
12970.00	32.94	AV	H	38.57	4.63	39.52	36.62	36.62	68.20	31.58
12970.00	44.01	PK	V	38.57	4.63	39.52	47.69	47.68	88.20	40.52
12970.00	33.68	AV	V	38.57	4.63	39.52	37.36	37.36	68.20	30.84

802.11ax he80 Mode_middle channel **Frequency 6465 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
12930.00	44.36	PK	H	38.53	4.63	39.42	48.10	48.1	88.20	40.10
12930.00	35.61	AV	H	38.53	4.63	39.42	39.35	39.35	68.20	28.85
12930.00	44.57	PK	V	38.53	4.63	39.42	48.31	48.31	88.20	39.89
12930.00	34.75	AV	V	38.53	4.63	39.42	38.49	38.49	68.20	29.71

Crossed U-NII 6 and U-NII 7

802.11ax he40 Mode: **Additional 6525 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13050.00	42.83	PK	H	38.68	4.65	39.59	46.57	46.57	88.20	41.63
13050.00	32.55	AV	H	38.68	4.65	39.59	36.29	36.29	68.20	31.91
13050.00	43.94	PK	V	38.68	4.65	39.59	47.68	47.68	88.20	40.52
13050.00	32.65	AV	V	38.68	4.65	39.59	36.39	36.39	68.20	31.81

802.11ax he80 Mode: **Additional 6545 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13090.00	41.94	PK	H	38.74	4.67	39.59	45.76	45.76	88.20	42.44
13090.00	31.94	AV	H	38.74	4.67	39.59	35.76	35.76	68.20	32.44
13090.00	42.31	PK	V	38.74	4.67	39.59	46.13	46.13	88.20	42.07
13090.00	32.12	AV	V	38.74	4.67	39.59	35.94	35.94	68.20	32.26

802.11ax he160 Mode: **Additional 6505 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13010.00	44.24	PK	H	38.62	4.63	39.59	47.90	47.9	88.20	40.30
13010.00	33.97	AV	H	38.62	4.63	39.59	37.63	37.63	68.20	30.57
13010.00	44.47	PK	V	38.62	4.63	39.59	48.13	48.13	88.20	40.07
13010.00	34.32	AV	V	38.62	4.63	39.59	37.98	37.98	68.20	30.22

6525-6875MHz

802.11ax he20 Mode_Low Channel Frequency 6535 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13070.00	42.12	PK	H	38.71	4.66	39.59	45.90	45.9	88.20	42.30
13070.00	31.57	AV	H	38.71	4.66	39.59	35.35	35.35	68.20	32.85
13070.00	41.80	PK	V	38.71	4.66	39.59	45.58	45.58	88.20	42.62
13070.00	30.89	AV	V	38.71	4.66	39.59	34.67	34.67	68.20	33.53

802.11ax he20 Mode_middle channel Frequency 6695 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13390.00	44.50	PK	H	39.22	4.81	39.57	48.96	48.96	74.00	25.04
13390.00	33.89	AV	H	39.22	4.81	39.57	38.35	38.35	54.00	15.65
13390.00	44.63	PK	V	39.22	4.81	39.57	49.09	49.09	74.00	24.91
13390.00	33.68	AV	V	39.22	4.81	39.57	38.14	38.14	54.00	15.86

802.11ax he20 Mode_high channel Frequency 6855 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13710.00	44.33	PK	H	39.86	4.95	39.35	49.79	49.79	88.20	38.41
13710.00	34.21	AV	H	39.86	4.95	39.35	39.67	39.67	68.20	28.53
13710.00	43.85	PK	V	39.86	4.95	39.35	49.31	49.31	88.20	38.89
13710.00	33.42	AV	V	39.86	4.95	39.35	38.88	38.88	68.20	29.32

802.11ax he40 Mode_low channel Frequency 6565 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13130.00	42.68	PK	H	38.81	4.69	39.58	46.60	46.6	88.20	41.60
13130.00	32.45	AV	H	38.81	4.69	39.58	36.37	36.37	68.20	31.83
13130.00	42.86	PK	V	38.81	4.69	39.58	46.78	46.78	88.20	41.42
13130.00	32.54	AV	V	38.81	4.69	39.58	36.46	36.46	68.20	31.74

802.11ax he40 Mode_middle channel Frequency 6685 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13370.00	42.61	PK	H	39.19	4.80	39.58	47.02	47.02	74.00	26.98
13370.00	32.24	AV	H	39.19	4.80	39.58	36.65	36.65	54.00	17.35
13370.00	42.89	PK	V	39.19	4.80	39.58	47.30	47.3	74.00	26.70
13370.00	32.59	AV	V	39.19	4.80	39.58	37.00	37	54.00	17.00

802.11ax he40 Mode_high channel **Frequency** **6845** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13690.00	43.12	PK	H	39.82	4.94	39.37	48.51	48.51	88.20	39.69
13690.00	32.89	AV	H	39.82	4.94	39.37	38.28	38.28	68.20	29.92
13690.00	42.83	PK	V	39.82	4.94	39.37	48.22	48.22	88.20	39.98
13690.00	32.44	AV	V	39.82	4.94	39.37	37.83	37.83	68.20	30.37

802.11ax he80 Mode_low channel **Frequency** **6625** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13250.00	41.85	PK	H	39.00	4.75	39.58	46.02	46.02	74.00	27.98
13250.00	31.75	AV	H	39.00	4.75	39.58	35.92	35.92	54.00	18.08
13250.00	42.13	PK	V	39.00	4.75	39.58	46.30	46.3	74.00	27.70
13250.00	31.91	AV	V	39.00	4.75	39.58	36.08	36.08	54.00	17.92

802.11ax he80 Mode_middle channel **Frequency** **6705** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13410.00	45.54	PK	H	39.26	4.82	39.57	50.05	50.05	88.20	38.15
13410.00	35.27	AV	H	39.26	4.82	39.57	39.78	39.78	68.20	28.42
13410.00	45.97	PK	V	39.26	4.82	39.57	50.48	50.48	88.20	37.72
13410.00	35.30	AV	V	39.26	4.82	39.57	39.81	39.81	68.20	28.39

802.11ax he80 Mode_high channel **Frequency** **6785** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13570.00	44.68	PK	H	39.55	4.89	39.50	49.62	49.62	88.20	38.58
13570.00	34.79	AV	H	39.55	4.89	39.50	39.73	39.73	68.20	28.47
13570.00	44.96	PK	V	39.55	4.89	39.50	49.90	49.9	88.20	38.30
13570.00	35.02	AV	V	39.55	4.89	39.50	39.96	39.96	68.20	28.24

802.11ax he160 Mode_low channel **Frequency** **6665** **MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13330.00	44.32	PK	H	39.13	4.78	39.58	48.65	48.65	74.00	25.35
13330.00	34.52	AV	H	39.13	4.78	39.58	38.85	38.85	54.00	15.15
13330.00	44.48	PK	V	39.13	4.78	39.58	48.81	48.81	74.00	25.19
13330.00	34.78	AV	V	39.13	4.78	39.58	39.11	39.11	54.00	14.89

Crossed U-NII 7 and U-NII 8

802.11ax he20 Mode: **Additional 6875 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13750.00	43.19	PK	H	39.95	4.97	39.31	48.80	48.8	88.20	39.40
13750.00	32.58	AV	H	39.95	4.97	39.31	38.19	38.19	68.20	30.01
13750.00	43.39	PK	V	39.95	4.97	39.31	49.00	49	88.20	39.20
13750.00	32.79	AV	V	39.95	4.97	39.31	38.40	38.4	68.20	29.80

802.11ax he40 Mode: **Additional 6885 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13770.00	45.32	PK	H	39.99	4.98	39.29	51.00	51	88.20	37.20
13770.00	35.13	AV	H	39.99	4.98	39.29	40.81	40.81	68.20	27.39
13770.00	45.63	PK	V	39.99	4.98	39.29	51.31	51.31	88.20	36.89
13770.00	35.25	AV	V	39.99	4.98	39.29	40.93	40.93	68.20	27.27

802.11ax he80 Mode: **Additional 6865 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13730.00	43.62	PK	H	39.91	4.96	39.33	49.16	49.16	88.20	39.04
13730.00	33.46	AV	H	39.91	4.96	39.33	39.00	39	68.20	29.20
13730.00	43.83	PK	V	39.91	4.96	39.33	49.37	49.37	88.20	38.83
13730.00	33.63	AV	V	39.91	4.96	39.33	39.17	39.17	68.20	29.03

802.11ax he160 Mode: **Additional 6825 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
13650.00	44.79	PK	H	39.73	4.93	39.41	50.04	50.04	88.20	38.16
13650.00	34.59	AV	H	39.73	4.93	39.41	39.84	39.84	68.20	28.36
13650.00	45.27	PK	V	39.73	4.93	39.41	50.52	50.52	88.20	37.68
13650.00	34.50	AV	V	39.73	4.93	39.41	39.75	39.75	68.20	28.45

6875-7125MHz

802.11ax he20 Mode_Low Channel Frequency 6895 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13790.00	43.25	PK	H	40.04	4.99	39.27	49.01	49.01	88.20	39.19
13790.00	33.03	AV	H	40.04	4.99	39.27	38.79	38.79	68.20	29.41
13790.00	48.43	PK	V	40.04	4.99	39.27	54.19	54.19	88.20	34.01
13790.00	38.25	AV	V	40.04	4.99	39.27	44.01	44.01	68.20	24.19

802.11ax he20 Mode_middle channel Frequency 7015 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
14030.00	43.79	PK	H	40.55	5.10	39.09	50.35	50.35	88.20	37.85
14030.00	33.53	AV	H	40.55	5.10	39.09	40.09	40.09	68.20	28.11
14030.00	59.97	PK	V	40.55	5.10	39.09	66.53	66.53	88.20	21.67
14030.00	47.52	AV	V	40.55	5.10	39.09	54.08	54.08	68.20	14.12

802.11ax he20 Mode_high channel Frequency 7095 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
7125.00	28.25	PK	H	35.80	2.35	0.00	66.40	60.4	88.20	27.80
7125.00	18.16	AV	H	35.80	2.35	0.00	56.31	50.31	68.20	17.89
7125.00	28.38	PK	V	35.80	2.35	0.00	66.53	60.53	88.20	27.67
7125.00	18.29	AV	V	35.80	2.35	0.00	56.44	50.44	68.20	17.76
7250.00	27.51	PK	H	36.10	2.42	0.00	66.03	60.03	74.00	13.97
7250.00	17.41	AV	H	36.10	2.42	0.00	55.93	49.93	54.00	4.07
7250.00	27.28	PK	V	36.10	2.42	0.00	65.80	59.8	74.00	14.20
7250.00	17.16	AV	V	36.10	2.42	0.00	55.68	49.68	54.00	4.32
14190.00	45.18	PK	H	40.84	5.23	39.29	51.96	51.96	88.20	36.24
14190.00	33.45	AV	H	40.84	5.23	39.29	40.23	40.23	68.20	27.97
14190.00	45.15	PK	V	40.84	5.23	39.29	51.93	51.93	88.20	36.27
14190.00	34.67	AV	V	40.84	5.23	39.29	41.45	41.45	68.20	26.75

802.11ax he40 Mode_Low Channel Frequency 6925 MHz

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13850.00	44.03	PK	H	40.17	5.01	39.21	50.00	50	88.20	38.20
13850.00	33.76	AV	H	40.17	5.01	39.21	39.73	39.73	68.20	28.47
13850.00	44.53	PK	V	40.17	5.01	39.21	50.50	50.5	88.20	37.70
13850.00	34.34	AV	V	40.17	5.01	39.21	40.31	40.31	68.20	27.89

802.11ax he40 Mode_middle channel **Frequency 7005 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
14010.00	42.28	PK	H	40.52	5.09	39.06	48.83	48.83	88.20	39.37
14010.00	32.51	AV	H	40.52	5.09	39.06	39.06	39.06	68.20	29.14
14010.00	44.32	PK	V	40.52	5.09	39.06	50.87	50.87	88.20	37.33
14010.00	34.12	AV	V	40.52	5.09	39.06	40.67	40.67	68.20	27.53

802.11ax he40 Mode_high channel **Frequency 7085 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
7125.00	27.94	PK	H	35.80	2.35	0.00	66.09	60.09	88.20	28.11
7125.00	18.12	AV	H	35.80	2.35	0.00	56.27	50.27	68.20	17.93
7125.00	28.32	PK	V	35.80	2.35	0.00	66.47	60.47	88.20	27.73
7125.00	18.24	AV	V	35.80	2.35	0.00	56.39	50.39	68.20	17.81
7250.00	27.86	PK	H	36.10	2.42	0.00	66.38	60.38	74.00	13.62
7250.00	17.32	AV	H	36.10	2.42	0.00	55.84	49.84	54.00	4.16
7250.00	27.88	PK	V	36.10	2.42	0.00	66.40	60.4	74.00	13.60
7250.00	17.35	AV	V	36.10	2.42	0.00	55.87	49.87	54.00	4.13
14170.00	45.56	PK	H	40.81	5.21	39.26	52.32	52.32	88.20	35.88
14170.00	35.24	AV	H	40.81	5.21	39.26	42.00	42	68.20	26.20
14170.00	46.35	PK	V	40.81	5.21	39.26	53.11	53.11	88.20	35.09
14170.00	36.12	AV	V	40.81	5.21	39.26	42.88	42.88	68.20	25.32

802.11ax he80 Mode_low channel **Frequency 6945 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBμV	PK/QP/AV	H/V	dB/m	dB	dB	dBμV/m	dBμV/m	dBμV/m	dB
13890.00	43.41	PK	H	40.26	5.03	39.16	49.54	49.54	88.20	38.66
13890.00	33.89	AV	H	40.26	5.03	39.16	40.02	40.02	68.20	28.18
13890.00	45.24	PK	V	40.26	5.03	39.16	51.37	51.37	88.20	36.83
13890.00	34.14	AV	V	40.26	5.03	39.16	40.27	40.27	68.20	27.93

802.11ax he80 Mode_high channel **Frequency 7025 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
7125.00	29.06	PK	H	35.80	2.35	0.00	67.21	61.21	88.20	26.99
7125.00	18.46	AV	H	35.80	2.35	0.00	56.61	50.61	68.20	17.59
7125.00	28.86	PK	V	35.80	2.35	0.00	67.01	61.01	88.20	27.19
7125.00	18.35	AV	V	35.80	2.35	0.00	56.50	50.5	68.20	17.70
7250.00	27.39	PK	H	36.10	2.42	0.00	65.91	59.91	74.00	14.09
7250.00	16.64	AV	H	36.10	2.42	0.00	55.16	49.16	54.00	4.84
7250.00	27.54	PK	V	36.10	2.42	0.00	66.06	60.06	74.00	13.94
7250.00	17.21	AV	V	36.10	2.42	0.00	55.73	49.73	54.00	4.27
14050.00	45.32	PK	H	40.59	5.12	39.11	51.92	51.92	88.20	36.28
14050.00	34.25	AV	H	40.59	5.12	39.11	40.85	40.85	68.20	27.35
14050.00	45.21	PK	V	40.59	5.12	39.11	51.81	51.81	88.20	36.39
14050.00	34.80	AV	V	40.59	5.12	39.11	41.40	41.4	68.20	26.80

802.11ax he160 Mode_middle channel **Frequency 6985 MHz**

Frequency	Receiver		Rx Antenna		Cable loss	Amplifier Gain	Corrected Amplitude	Extrapolation result	Limit	Margin
	Reading	Detector	Polar	Factor						
MHz	dBµV	PK/QP/AV	H/V	dB/m	dB	dB	dBµV/m	dBµV/m	dBµV/m	dB
7125.00	28.91	PK	H	35.80	2.35	0.00	67.06	61.06	88.20	27.14
7125.00	18.37	AV	H	35.80	2.35	0.00	56.52	50.52	68.20	17.68
7125.00	28.84	PK	V	35.80	2.35	0.00	66.99	60.99	88.20	27.21
7125.00	18.65	AV	V	35.80	2.35	0.00	56.80	50.8	68.20	17.40
7250.00	27.49	PK	H	36.10	2.42	0.00	66.01	60.01	74.00	13.99
7250.00	17.33	AV	H	36.10	2.42	0.00	55.85	49.85	54.00	4.15
7250.00	27.02	PK	V	36.10	2.42	0.00	65.54	59.54	74.00	14.46
7250.00	17.35	AV	V	36.10	2.42	0.00	55.87	49.87	54.00	4.13
13970.00	44.19	PK	H	40.43	5.07	39.08	50.61	50.61	88.20	37.59
13970.00	33.67	AV	H	40.43	5.07	39.08	40.09	40.09	68.20	28.11
13970.00	43.15	PK	V	40.43	5.07	39.08	49.57	49.57	88.20	38.63
13970.00	33.11	AV	V	40.43	5.07	39.08	39.53	39.53	68.20	28.67

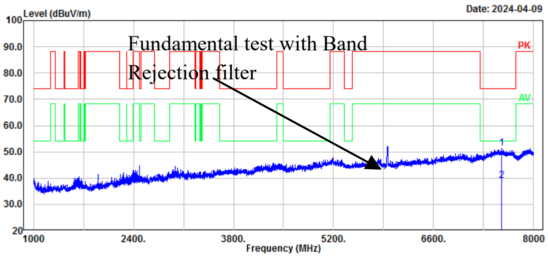
Extrapolation Result = Corrected Amplitude- Extrapolation Factor
Extrapolation Factor= 0 dB except bandedge test at 1.5m, Extrapolation Factor= 6 dB

Plots for 802.11ax ht20 mode, 5955MHz:

802.11ax he20 mode, 5955MHz, Horizontal	802.11ax he20 mode, 5955MHz, Vertical

802.11ax he20 mode, 5955MHz, Horizontal

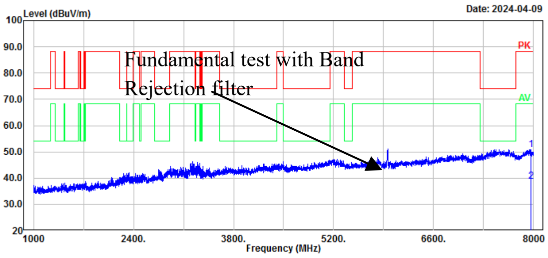
Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Horizontal Tester: Bill Yang
Test Mode: Transmitting
Note: 802.11ax he20 Mode_Low Channel 5955MHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	7552.00	48.66	2.82	51.48	74.00	22.52	Peak
2	7552.00	36.29	2.82	39.11	54.00	14.89	Average

802.11ax he20 mode, 5955MHz, Vertical

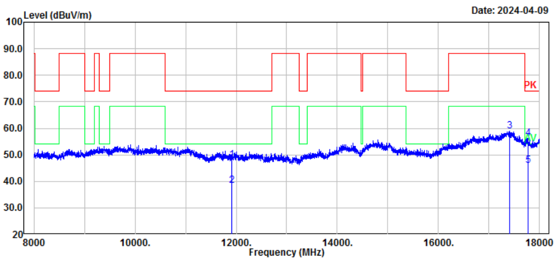
Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Vertical Tester: Bill Yang
Test Mode: Transmitting
Note: 802.11ax he20 Mode_Low Channel 5955MHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	7963.60	47.54	3.29	50.83	88.20	37.37	Peak
2	7963.60	35.49	3.29	38.78	68.20	29.42	Average

802.11ax he20 mode, 5955MHz, Horizontal

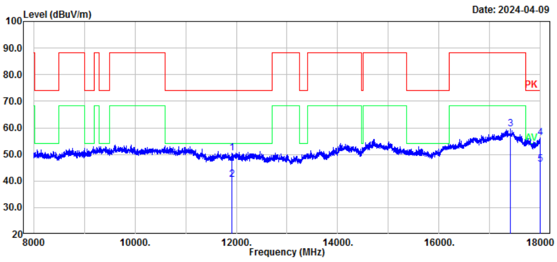
Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Horizontal Tester: Bill Yang
Test Mode: Transmitting
Note: 802.11ax he20 Mode_Low Channel 5955MHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11910.00	43.46	4.72	48.18	74.00	25.82	Peak
2	11910.00	33.74	4.72	38.46	54.00	15.54	Average
3	17414.00	43.81	15.19	59.00	88.20	29.20	Peak
4	17770.00	39.09	17.09	56.18	74.00	17.82	Peak
5	17770.00	28.75	17.09	45.84	54.00	8.16	Average

802.11ax he20 mode, 5955MHz, Vertical

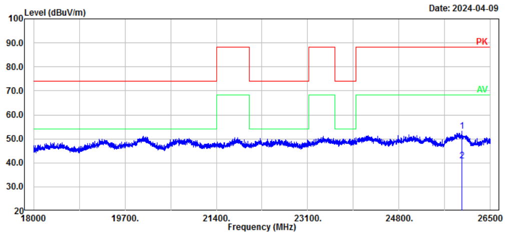
Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Vertical Tester: Bill Yang
Test Mode: Transmitting
Note: 802.11ax he20 Mode_Low Channel 5955MHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11910.00	45.89	4.72	50.61	74.00	23.39	Peak
2	11910.00	35.74	4.72	40.46	54.00	13.54	Average
3	17404.00	44.31	15.11	59.42	88.20	28.78	Peak
4	17990.00	38.27	18.11	56.38	74.00	17.62	Peak
5	17990.00	28.15	18.11	46.26	54.00	7.74	Average

802.11ax he20 mode, 5955MHz, Horizontal

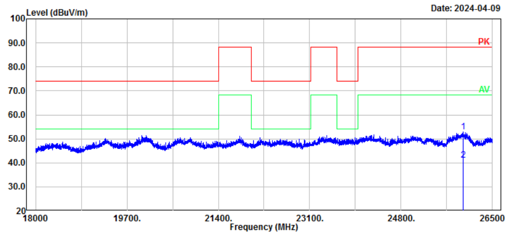
Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Horizontal Tester: Bill Yang
Test Mode: Transmitting
Note: 802.11ax he20 Mode_Low Channel 5955MHz



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	25971.30	42.44	10.78	53.22	88.20	34.98	Peak
2	25971.30	30.13	10.78	40.91	68.20	27.29	Average

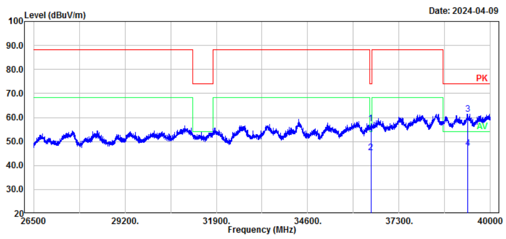
802.11ax he20 mode, 5955MHz, Vertical

Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Vertical Tester: Bill Yang
Test Mode: Transmitting
Note: 802.11ax he20 Mode_Low Channel 5955MHz



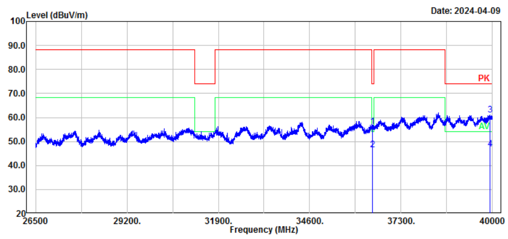
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	25959.40	42.01	10.76	52.77	88.20	35.43	Peak
2	25959.40	30.47	10.76	41.23	68.20	26.97	Average

Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Horizontal Tester: Bill Yang
Test Mode: Transmitting
Note: 802.11ax he20 Mode_Low Channel 5955MHz



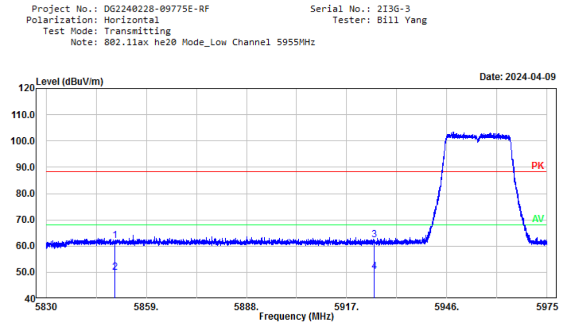
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	36465.70	43.39	14.02	57.41	74.00	16.59	Peak
2	36465.70	31.29	14.02	45.31	54.00	8.69	Average
3	39333.10	43.41	18.05	61.46	74.00	12.54	Peak
4	39333.10	29.25	18.05	47.30	54.00	6.70	Average

Project No.: DG2240228-09775E-RF Serial No.: 2I3G-3
Polarization: Vertical Tester: Bill Yang
Test Mode: Transmitting
Note: 802.11ax he20 Mode_Low Channel 5955MHz



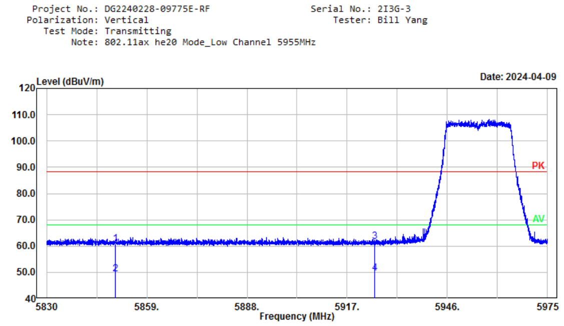
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	36452.20	42.19	14.03	56.22	74.00	17.78	Peak
2	36452.20	32.41	14.03	46.44	54.00	7.56	Average
3	39929.80	43.41	17.53	60.94	74.00	13.06	Peak
4	39929.80	29.34	17.53	46.87	54.00	7.13	Average

802.11ax he20 mode, 5955MHz, Bandedge, Horizontal



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	5850.00	31.99	30.00	61.99	88.20	26.21	Peak
2	5850.00	19.88	30.00	49.88	68.20	18.32	Average
3	5925.00	32.32	30.12	62.44	88.20	25.76	Peak
4	5925.00	20.22	30.12	50.34	68.20	17.86	Average

802.11ax he20 mode, 5955MHz, Bandedge, Vertical



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	5850.00	30.83	30.00	60.83	88.20	27.37	Peak
2	5850.00	19.24	30.00	49.24	68.20	18.96	Average
3	5925.00	31.49	30.12	61.61	88.20	26.59	Peak
4	5925.00	19.67	30.12	49.79	68.20	18.41	Average

5.3 26dB Emission Bandwidth

Serial No.:	2I3G-1	**Test Date:**	2024/03/30~2024/04/01
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Jojo Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	23.6~25.2	**Relative Humidity: (%)**	39~45	**ATM Pressure: (kPa)**	100.8~101.2

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101947	2023/10/18	2024/10/17
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2023/09/10	2024/09/09

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

5925-6425 MHz:

Mode	Value (MHz)	Limit (MHz)	Result
ax20_5955MHz_RU_Full_Chain 0	22.200	320.000	Pass
ax20_5955MHz_RU_Full_Chain 1	21.650	320.000	Pass
ax20_5955MHz_RU_Full_Chain 2	22.150	320.000	Pass
ax20_5955MHz_RU_Full_Chain 3	21.950	320.000	Pass
ax20_6175MHz_RU_Full_Chain 0	21.800	320.000	Pass
ax20_6175MHz_RU_Full_Chain 1	22.450	320.000	Pass
ax20_6175MHz_RU_Full_Chain 2	22.250	320.000	Pass
ax20_6175MHz_RU_Full_Chain 3	21.900	320.000	Pass
ax20_6415MHz_RU_Full_Chain 0	21.950	320.000	Pass
ax20_6415MHz_RU_Full_Chain 1	22.200	320.000	Pass
ax20_6415MHz_RU_Full_Chain 2	22.000	320.000	Pass
ax20_6415MHz_RU_Full_Chain 3	22.000	320.000	Pass
ax40_5965MHz_RU_Full_Chain 0	43.300	320.000	Pass
ax40_5965MHz_RU_Full_Chain 1	43.200	320.000	Pass
ax40_5965MHz_RU_Full_Chain 2	42.700	320.000	Pass
ax40_5965MHz_RU_Full_Chain 3	43.300	320.000	Pass
ax40_6165MHz_RU_Full_Chain 0	43.400	320.000	Pass
ax40_6165MHz_RU_Full_Chain 1	43.200	320.000	Pass
ax40_6165MHz_RU_Full_Chain 2	43.500	320.000	Pass
ax40_6165MHz_RU_Full_Chain 3	43.500	320.000	Pass
ax40_6405MHz_RU_Full_Chain 0	43.200	320.000	Pass
ax40_6405MHz_RU_Full_Chain 1	42.900	320.000	Pass
ax40_6405MHz_RU_Full_Chain 2	43.100	320.000	Pass

Mode	Value (MHz)	Limit (MHz)	Result
ax40_6405MHz_RU_Full_Chain 3	43.400	320.000	Pass
ax80_5985MHz_RU_Full_Chain 0	88.000	320.000	Pass
ax80_5985MHz_RU_Full_Chain 1	87.200	320.000	Pass
ax80_5985MHz_RU_Full_Chain 2	88.000	320.000	Pass
ax80_5985MHz_RU_Full_Chain 3	89.400	320.000	Pass
ax80_6145MHz_RU_Full_Chain 0	87.400	320.000	Pass
ax80_6145MHz_RU_Full_Chain 1	87.400	320.000	Pass
ax80_6145MHz_RU_Full_Chain 2	87.800	320.000	Pass
ax80_6145MHz_RU_Full_Chain 3	89.400	320.000	Pass
ax80_6385MHz_RU_Full_Chain 0	88.000	320.000	Pass
ax80_6385MHz_RU_Full_Chain 1	87.000	320.000	Pass
ax80_6385MHz_RU_Full_Chain 2	88.400	320.000	Pass
ax80_6385MHz_RU_26/0_Chain 0	90.200	320.000	Pass
ax160_6025MHz_RU_Full_Chain 0	173.200	320.000	Pass
ax160_6025MHz_RU_Full_Chain 1	169.600	320.000	Pass
ax160_6025MHz_RU_Full_Chain 2	172.400	320.000	Pass
ax160_6025MHz_RU_Full_Chain 3	172.400	320.000	Pass
ax160_6185MHz_RU_Full_Chain 0	172.400	320.000	Pass
ax160_6185MHz_RU_Full_Chain 1	170.800	320.000	Pass
ax160_6185MHz_RU_Full_Chain 2	171.200	320.000	Pass
ax160_6185MHz_RU_Full_Chain 3	172.800	320.000	Pass
ax160_6345MHz_RU_Full_Chain 0	171.600	320.000	Pass
ax160_6345MHz_RU_Full_Chain 1	170.400	320.000	Pass
ax160_6345MHz_RU_Full_Chain 2	172.400	320.000	Pass
ax160_6345MHz_RU_Full_Chain 3	174.400	320.000	Pass

6425-6525 MHz(including Crossed channel):

Mode	Value (MHz)	Limit (MHz)	Result
ax20_6435MHz_RU_Full_Chain 0	22.000	320.000	Pass
ax20_6435MHz_RU_Full_Chain 1	22.200	320.000	Pass
ax20_6435MHz_RU_Full_Chain 2	21.850	320.000	Pass
ax20_6435MHz_RU_Full_Chain 3	22.300	320.000	Pass
ax20_6475MHz_RU_Full_Chain 0	21.950	320.000	Pass
ax20_6475MHz_RU_Full_Chain 1	22.850	320.000	Pass
ax20_6475MHz_RU_Full_Chain 2	21.850	320.000	Pass
ax20_6475MHz_RU_Full_Chain 3	22.250	320.000	Pass
ax20_6515MHz_RU_Full_Chain 0	22.250	320.000	Pass
ax20_6515MHz_RU_Full_Chain 1	22.450	320.000	Pass
ax20_6515MHz_RU_Full_Chain 2	21.600	320.000	Pass
ax20_6515MHz_RU_Full_Chain 3	22.400	320.000	Pass
ax40_6445MHz_RU_Full_Chain 0	43.800	320.000	Pass
ax40_6445MHz_RU_Full_Chain 1	43.500	320.000	Pass
ax40_6445MHz_RU_Full_Chain 2	43.200	320.000	Pass
ax40_6445MHz_RU_Full_Chain 3	43.200	320.000	Pass
ax40_6485MHz_RU_Full_Chain 0	43.000	320.000	Pass
ax40_6485MHz_RU_Full_Chain 1	42.700	320.000	Pass
ax40_6485MHz_RU_Full_Chain 2	42.700	320.000	Pass
ax40_6485MHz_RU_Full_Chain 3	43.300	320.000	Pass
ax40_6525MHz_RU_Full_Chain 0	44.200	320.000	Pass
ax40_6525MHz_RU_Full_Chain 1	42.900	320.000	Pass
ax40_6525MHz_RU_Full_Chain 2	42.800	320.000	Pass
ax40_6525MHz_RU_Full_Chain 3	43.200	320.000	Pass
ax80_6465MHz_RU_Full_Chain 0	88.000	320.000	Pass
ax80_6465MHz_RU_Full_Chain 1	86.000	320.000	Pass
ax80_6465MHz_RU_Full_Chain 2	88.000	320.000	Pass
ax80_6465MHz_RU_Full_Chain 3	90.400	320.000	Pass
ax80_6545MHz_RU_Full_Chain 0	88.000	320.000	Pass
ax80_6545MHz_RU_Full_Chain 1	88.200	320.000	Pass
ax80_6545MHz_RU_Full_Chain 2	87.400	320.000	Pass
ax80_6545MHz_RU_Full_Chain 3	89.800	320.000	Pass
ax160_6505MHz_RU_Full_Chain 0	171.200	320.000	Pass
ax160_6505MHz_RU_Full_Chain 1	169.200	320.000	Pass
ax160_6505MHz_RU_Full_Chain 2	170.400	320.000	Pass
ax160_6505MHz_RU_Full_Chain 3	173.200	320.000	Pass

6525-6875 MHz:

Mode	Value (MHz)	Limit (MHz)	Result
ax20_6535MHz_RU_Full_Chain 0	22.200	320.000	Pass
ax20_6535MHz_RU_Full_Chain 1	22.700	320.000	Pass
ax20_6535MHz_RU_Full_Chain 2	21.700	320.000	Pass
ax20_6535MHz_RU_Full_Chain 3	22.200	320.000	Pass
ax20_6695MHz_RU_Full_Chain 0	22.150	320.000	Pass
ax20_6695MHz_RU_Full_Chain 1	21.500	320.000	Pass
ax20_6695MHz_RU_Full_Chain 2	22.150	320.000	Pass
ax20_6695MHz_RU_Full_Chain 3	21.900	320.000	Pass
ax20_6855MHz_RU_Full_Chain 0	22.050	320.000	Pass
ax20_6855MHz_RU_Full_Chain 1	22.300	320.000	Pass
ax20_6855MHz_RU_Full_Chain 2	22.550	320.000	Pass
ax20_6855MHz_RU_Full_Chain 3	22.350	320.000	Pass
ax40_6565MHz_RU_Full_Chain 0	43.400	320.000	Pass
ax40_6565MHz_RU_Full_Chain 1	43.600	320.000	Pass
ax40_6565MHz_RU_Full_Chain 2	43.300	320.000	Pass
ax40_6565MHz_RU_Full_Chain 3	43.000	320.000	Pass
ax40_6685MHz_RU_Full_Chain 0	43.200	320.000	Pass
ax40_6685MHz_RU_Full_Chain 1	43.000	320.000	Pass
ax40_6685MHz_RU_Full_Chain 2	43.300	320.000	Pass
ax40_6685MHz_RU_Full_Chain 3	42.500	320.000	Pass
ax40_6845MHz_RU_Full_Chain 0	43.100	320.000	Pass
ax40_6845MHz_RU_Full_Chain 1	42.400	320.000	Pass
ax40_6845MHz_RU_Full_Chain 2	43.500	320.000	Pass
ax40_6845MHz_RU_Full_Chain 3	43.100	320.000	Pass
ax80_6625MHz_RU_Full_Chain 0	87.400	320.000	Pass
ax80_6625MHz_RU_Full_Chain 1	87.800	320.000	Pass
ax80_6625MHz_RU_Full_Chain 2	87.200	320.000	Pass
ax80_6625MHz_RU_Full_Chain 3	89.200	320.000	Pass
ax80_6705MHz_RU_Full_Chain 0	88.000	320.000	Pass
ax80_6705MHz_RU_Full_Chain 1	87.800	320.000	Pass
ax80_6705MHz_RU_Full_Chain 2	87.000	320.000	Pass
ax80_6705MHz_RU_Full_Chain 3	89.600	320.000	Pass
ax80_6785MHz_RU_Full_Chain 0	86.400	320.000	Pass
ax80_6785MHz_RU_Full_Chain 1	88.200	320.000	Pass
ax80_6785MHz_RU_Full_Chain 2	87.400	320.000	Pass
ax80_6785MHz_RU_Full_Chain 3	90.000	320.000	Pass
ax80_6865MHz_RU_Full_Chain 0	87.600	320.000	Pass
ax80_6865MHz_RU_Full_Chain 1	88.800	320.000	Pass
ax80_6865MHz_RU_Full_Chain 2	87.200	320.000	Pass
ax80_6865MHz_RU_Full_Chain 3	89.200	320.000	Pass
ax160_6665MHz_RU_Full_Chain 0	172.400	320.000	Pass
ax160_6665MHz_RU_Full_Chain 1	170.400	320.000	Pass
ax160_6665MHz_RU_Full_Chain 2	170.400	320.000	Pass
ax160_6665MHz_RU_Full_Chain 3	173.200	320.000	Pass

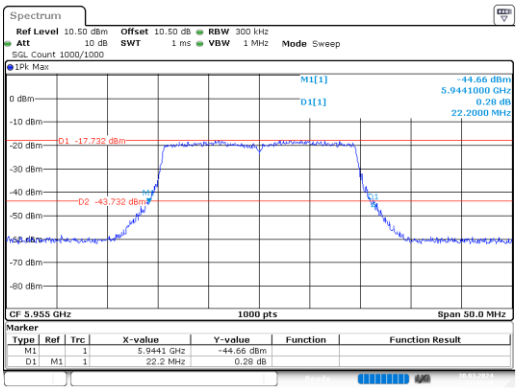
Mode	Value (MHz)	Limit (MHz)	Result
ax160_6825MHz_RU_Full_Chain 0	173.200	320.000	Pass
ax160_6825MHz_RU_Full_Chain 1	170.800	320.000	Pass
ax160_6825MHz_RU_Full_Chain 2	173.600	320.000	Pass
ax160_6825MHz_RU_Full_Chain 3	173.600	320.000	Pass

6875-7125 MHz(including Crossed channel):

Mode	Value (MHz)	Limit (MHz)	Result
ax20_6875MHz_RU_Full_Chain 0	21.950	320.000	Pass
ax20_6875MHz_RU_Full_Chain 1	22.350	320.000	Pass
ax20_6875MHz_RU_Full_Chain 2	22.250	320.000	Pass
ax20_6875MHz_RU_Full_Chain 3	22.250	320.000	Pass
ax20_6895MHz_RU_Full_Chain 0	22.250	320.000	Pass
ax20_6895MHz_RU_Full_Chain 1	22.350	320.000	Pass
ax20_6895MHz_RU_Full_Chain 2	22.500	320.000	Pass
ax20_6895MHz_RU_Full_Chain 3	22.200	320.000	Pass
ax20_7015MHz_RU_Full_Chain 0	22.300	320.000	Pass
ax20_7015MHz_RU_Full_Chain 1	22.550	320.000	Pass
ax20_7015MHz_RU_Full_Chain 2	22.450	320.000	Pass
ax20_7015MHz_RU_Full_Chain 3	22.500	320.000	Pass
ax20_7095MHz_RU_Full_Chain 0	22.200	320.000	Pass
ax20_7095MHz_RU_Full_Chain 1	22.400	320.000	Pass
ax20_7095MHz_RU_Full_Chain 2	22.700	320.000	Pass
ax20_7095MHz_RU_Full_Chain 3	22.300	320.000	Pass
ax40_6885MHz_RU_Full_Chain 0	43.500	320.000	Pass
ax40_6885MHz_RU_Full_Chain 1	42.600	320.000	Pass
ax40_6885MHz_RU_Full_Chain 2	43.300	320.000	Pass
ax40_6885MHz_RU_Full_Chain 3	42.800	320.000	Pass
ax40_6925MHz_RU_Full_Chain 0	44.200	320.000	Pass
ax40_6925MHz_RU_Full_Chain 1	43.300	320.000	Pass
ax40_6925MHz_RU_Full_Chain 2	42.600	320.000	Pass
ax40_6925MHz_RU_Full_Chain 3	42.900	320.000	Pass
ax40_7005MHz_RU_Full_Chain 0	43.800	320.000	Pass
ax40_7005MHz_RU_Full_Chain 1	43.400	320.000	Pass
ax40_7005MHz_RU_Full_Chain 2	43.200	320.000	Pass
ax40_7005MHz_RU_Full_Chain 3	42.900	320.000	Pass
ax40_7085MHz_RU_Full_Chain 0	42.800	320.000	Pass
ax40_7085MHz_RU_Full_Chain 1	43.400	320.000	Pass
ax40_7085MHz_RU_Full_Chain 2	43.200	320.000	Pass
ax40_7085MHz_RU_Full_Chain 3	43.300	320.000	Pass
ax80_6945MHz_RU_Full_Chain 0	89.800	320.000	Pass
ax80_6945MHz_RU_Full_Chain 1	88.600	320.000	Pass
ax80_6945MHz_RU_Full_Chain 2	89.800	320.000	Pass
ax80_6945MHz_RU_Full_Chain 3	89.000	320.000	Pass
ax80_7025MHz_RU_Full_Chain 0	89.800	320.000	Pass
ax80_7025MHz_RU_Full_Chain 1	86.800	320.000	Pass
ax80_7025MHz_RU_Full_Chain 2	87.000	320.000	Pass
ax80_7025MHz_RU_Full_Chain 3	88.200	320.000	Pass
ax160_6985MHz_RU_Full_Chain 0	174.000	320.000	Pass
ax160_6985MHz_RU_Full_Chain 1	170.400	320.000	Pass
ax160_6985MHz_RU_Full_Chain 2	172.400	320.000	Pass
ax160_6985MHz_RU_Full_Chain 3	172.400	320.000	Pass

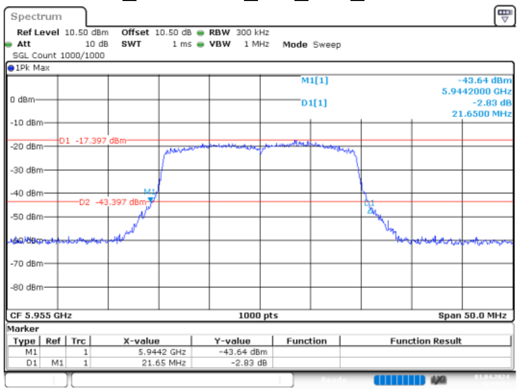
5925-6425 MHz

ax20_5955MHz_RU_Full_Chain 0



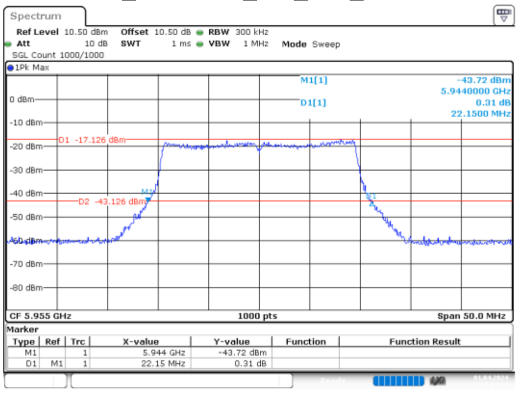
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 11:44:44

ax20_5955MHz_RU_Full_Chain 1



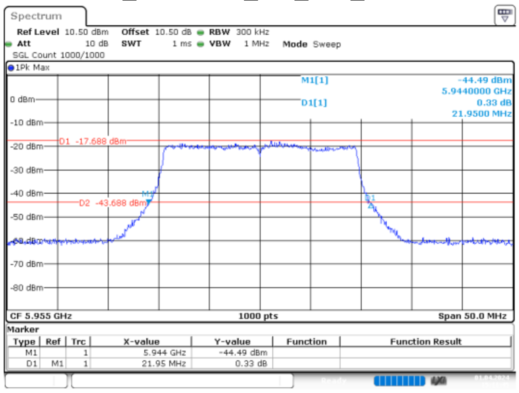
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:19:25

ax20_5955MHz_RU_Full_Chain 2



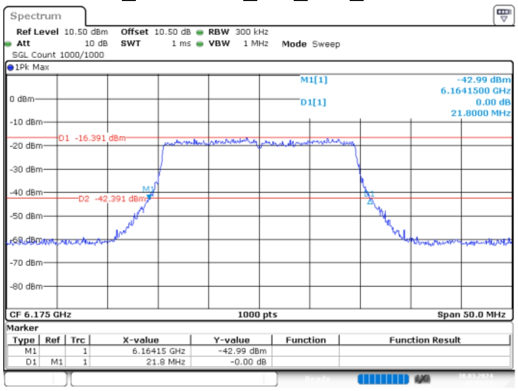
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:04:24

ax20_5955MHz_RU_Full_Chain 3



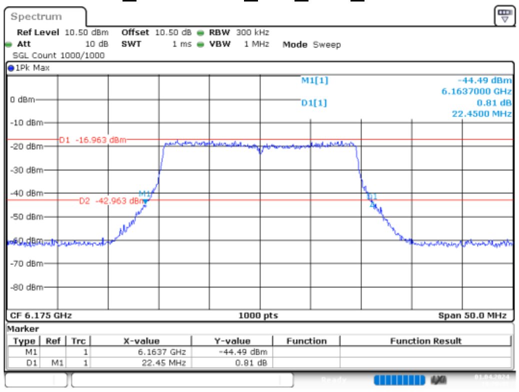
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:11:45

ax20_6175MHz_RU_Full_Chain 0



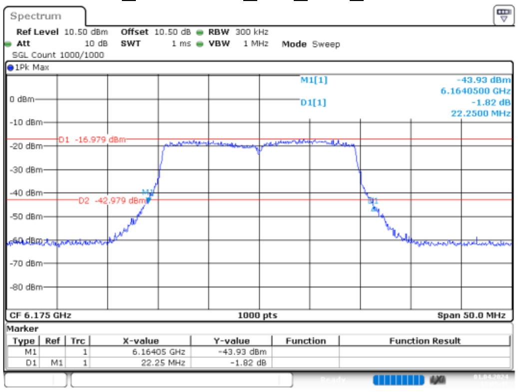
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 13:52:37

ax20_6175MHz_RU_Full_Chain 1



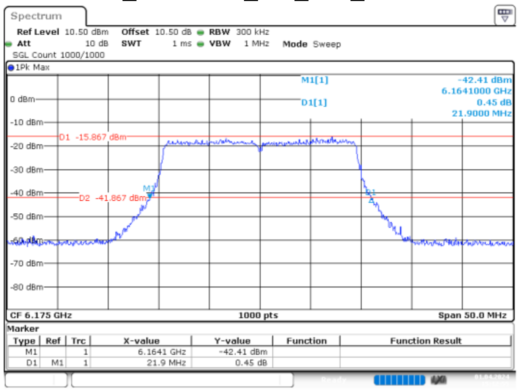
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:20:36

ax20_6175MHz_RU_Full_Chain 2



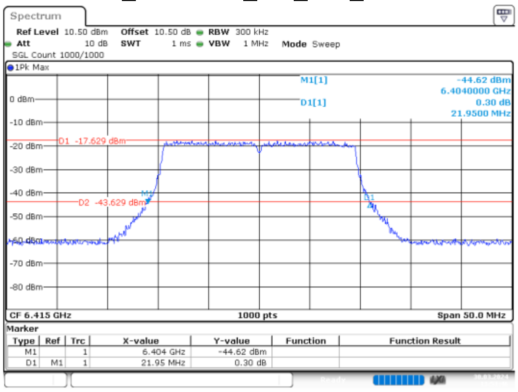
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:05:43

ax20_6175MHz_RU_Full_Chain 3



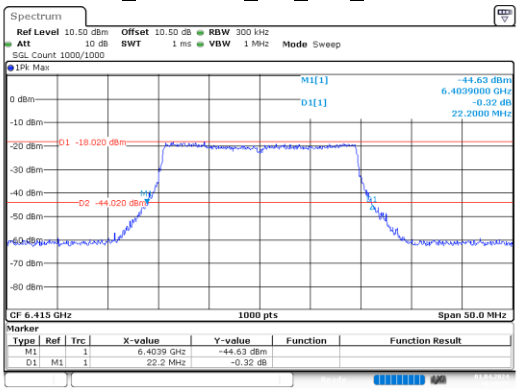
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:12:55

ax20_6415MHz_RU_Full_Chain 0



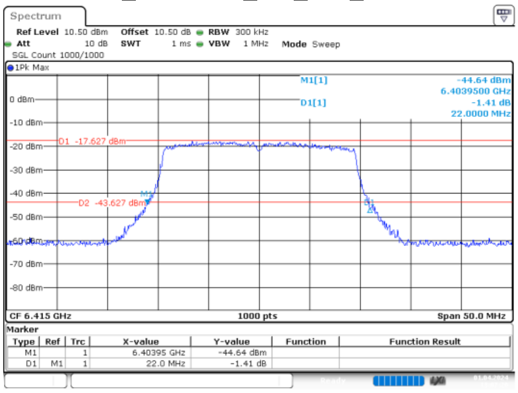
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 13:53:47

ax20_6415MHz_RU_Full_Chain 1



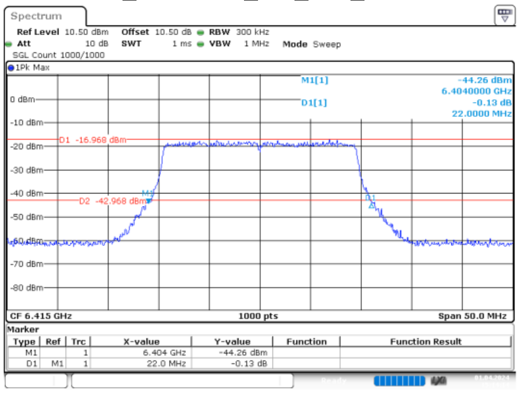
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:22:26

ax20_6415MHz_RU_Full_Chain 2



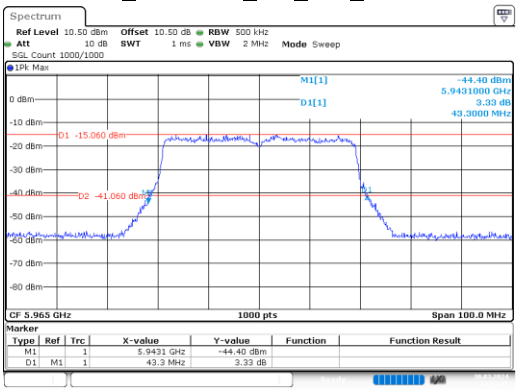
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:07:21

ax20_6415MHz_RU_Full_Chain 3



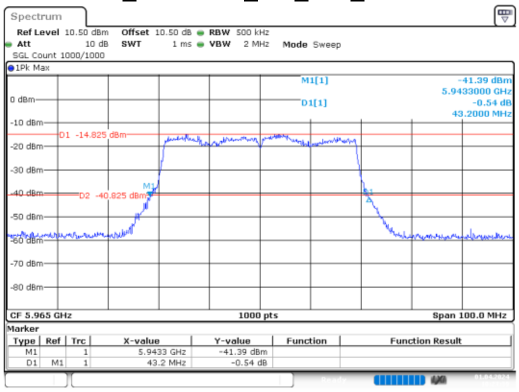
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:14:14

ax40_5965MHz_RU_Full_Chain 0



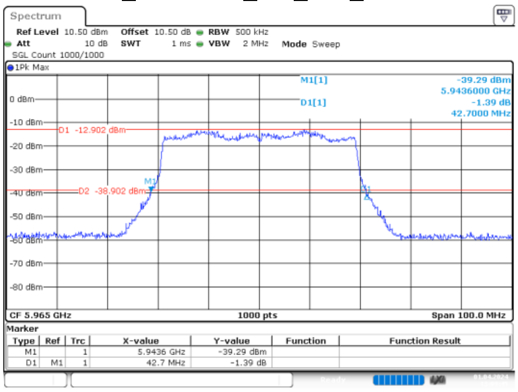
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 13:54:35

ax40_5965MHz_RU_Full_Chain 1



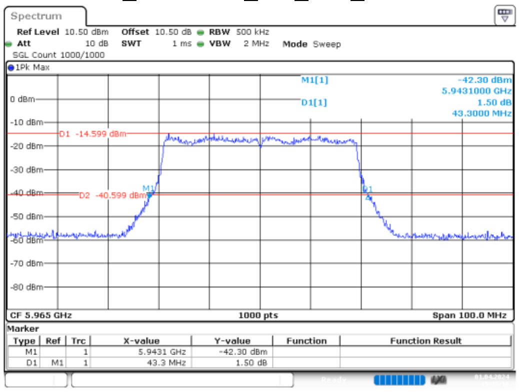
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:23:40

ax40_5965MHz_RU_Full_Chain 2



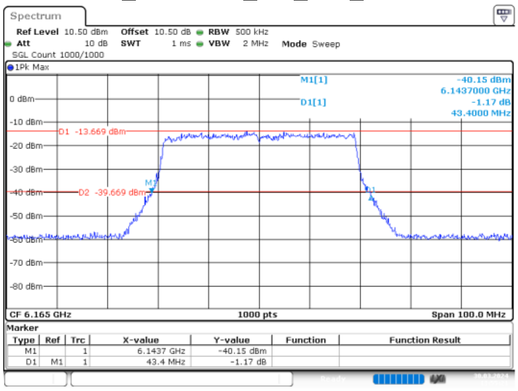
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:09:45

ax40_5965MHz_RU_Full_Chain 3



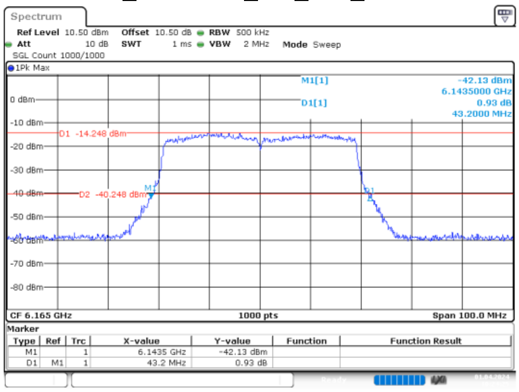
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:15:18

ax40_6165MHz_RU_Full_Chain 0



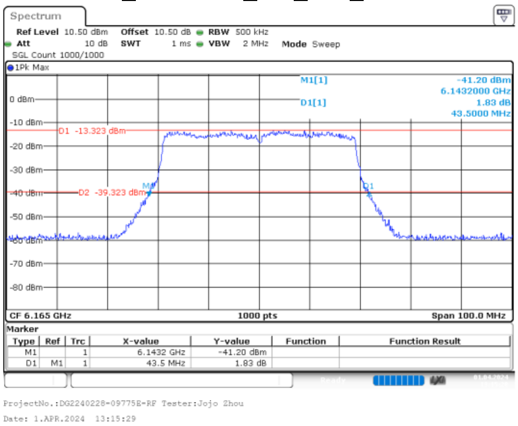
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 13:55:22

ax40_6165MHz_RU_Full_Chain 1

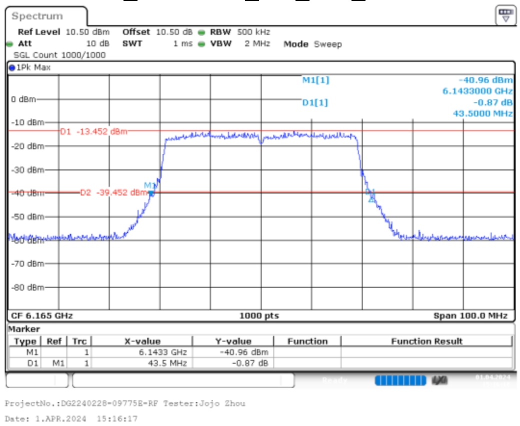


ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:24:26

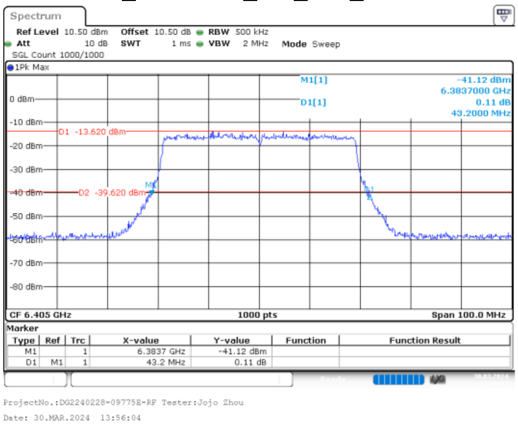
ax40_6165MHz_RU_Full_Chain 2



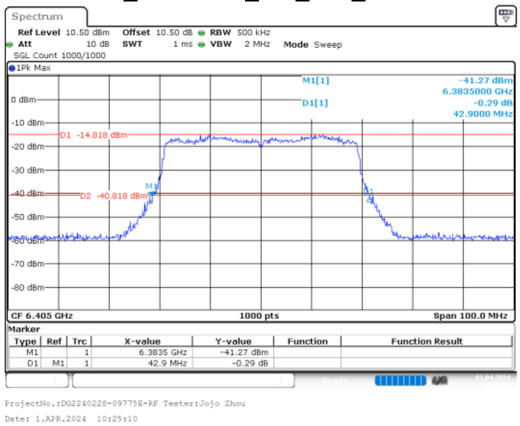
ax40_6165MHz_RU_Full_Chain 3



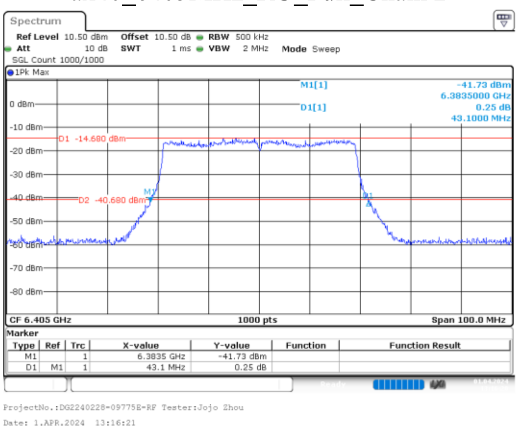
ax40_6405MHz_RU_Full_Chain 0



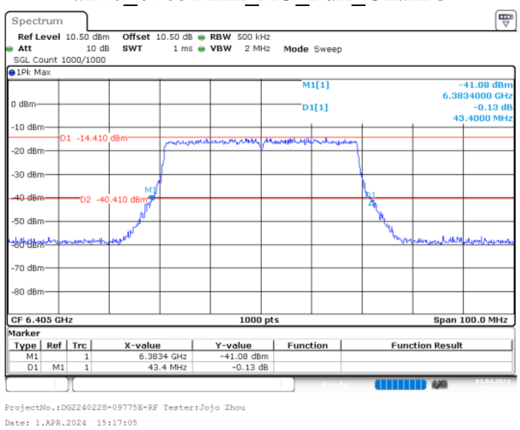
ax40_6405MHz_RU_Full_Chain 1



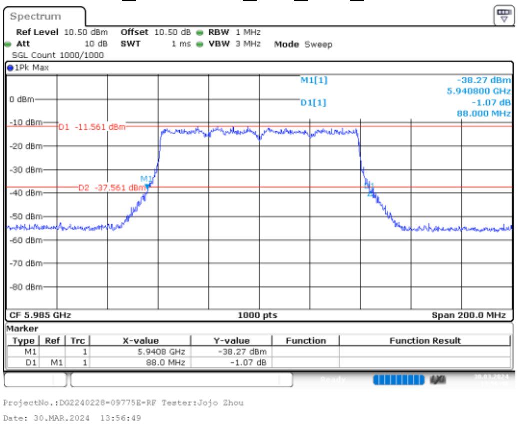
ax40_6405MHz_RU_Full_Chain 2



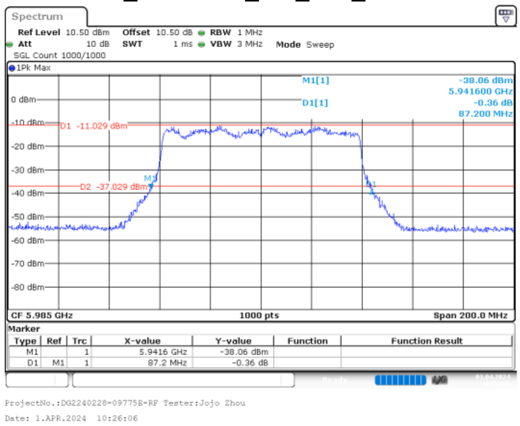
ax40_6405MHz_RU_Full_Chain 3



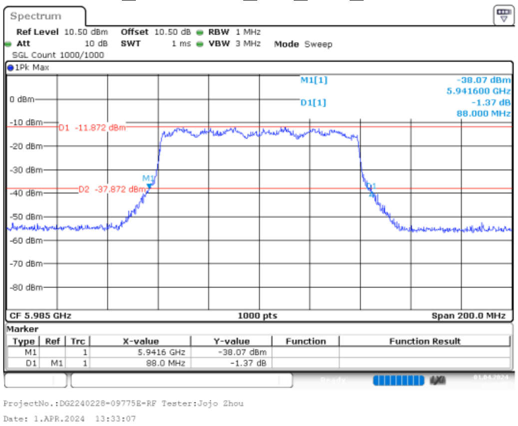
ax80_5985MHz_RU_Full_Chain 0



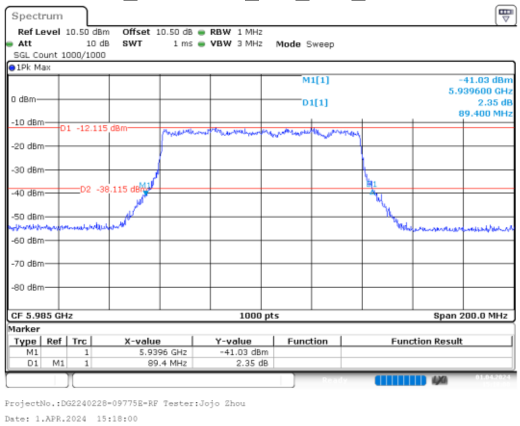
ax80_5985MHz_RU_Full_Chain 1



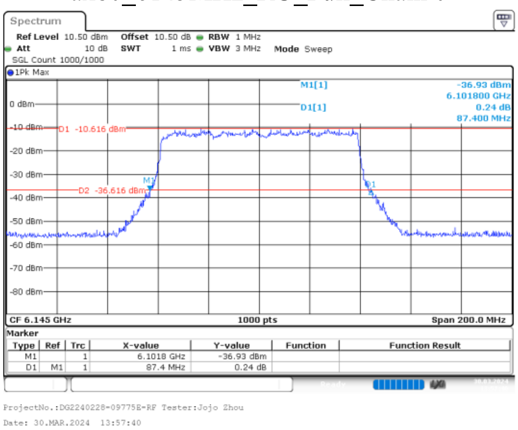
ax80_5985MHz_RU_Full_Chain 2



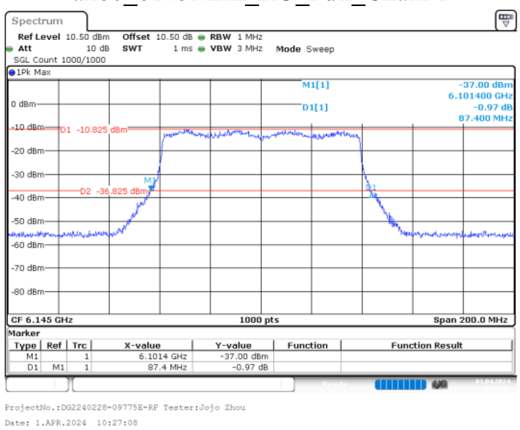
ax80_5985MHz_RU_Full_Chain 3



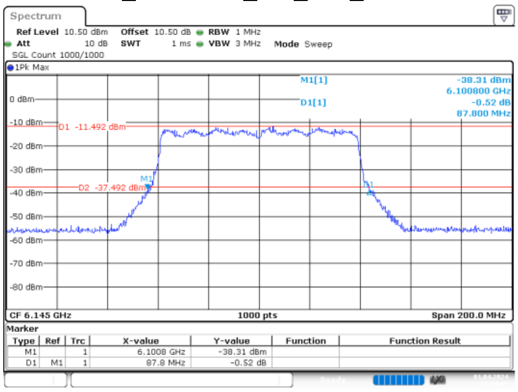
ax80_6145MHz_RU_Full_Chain 0



ax80_6145MHz_RU_Full_Chain 1

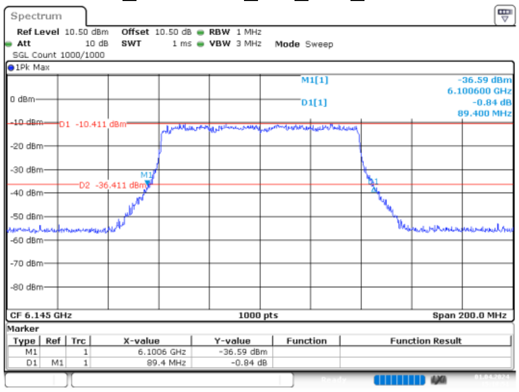


ax80_6145MHz_RU_Full_Chain 2



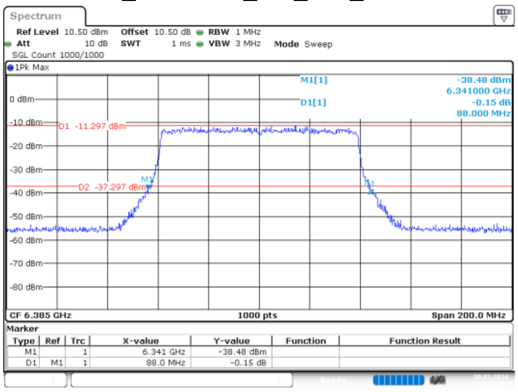
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:34:04

ax80_6145MHz_RU_Full_Chain 3



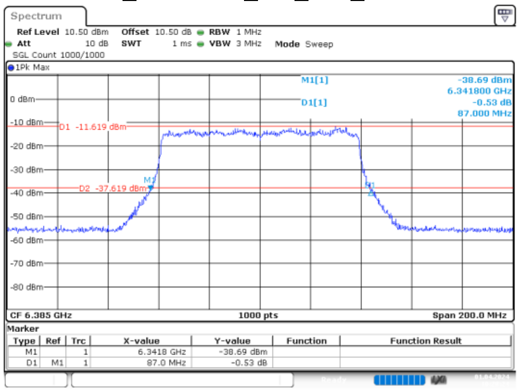
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:18:51

ax80_6385MHz_RU_Full_Chain 0



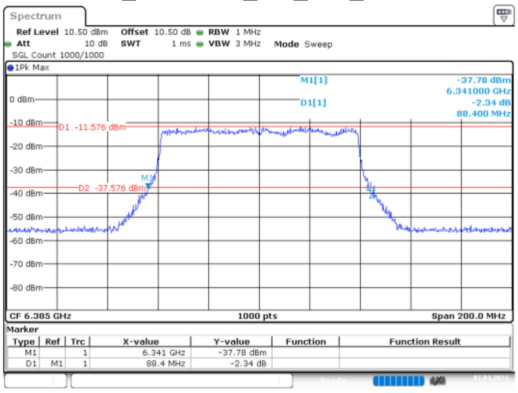
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 13:58:27

ax80_6385MHz_RU_Full_Chain 1



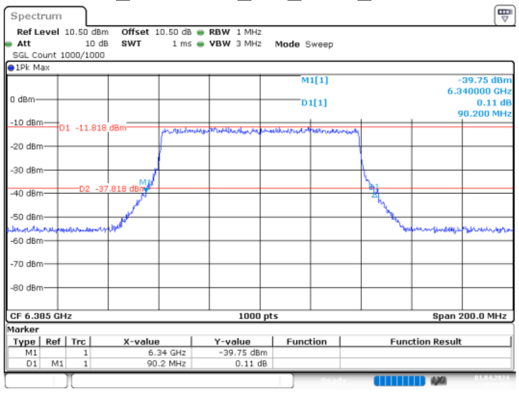
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:28:24

ax80_6385MHz_RU_Full_Chain 2



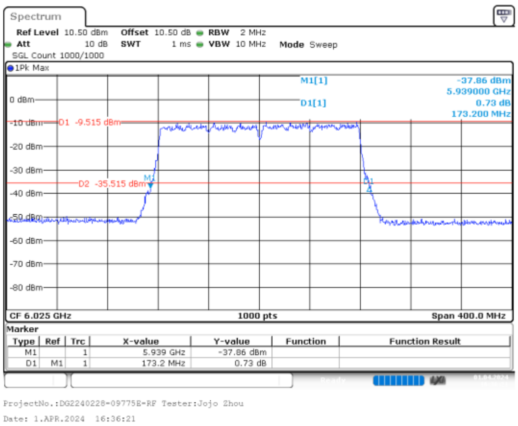
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:19:58

ax80_6385MHz_RU_ Full _Chain 0

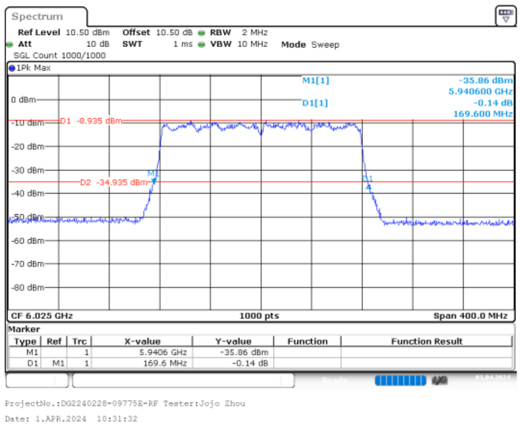


ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:19:52

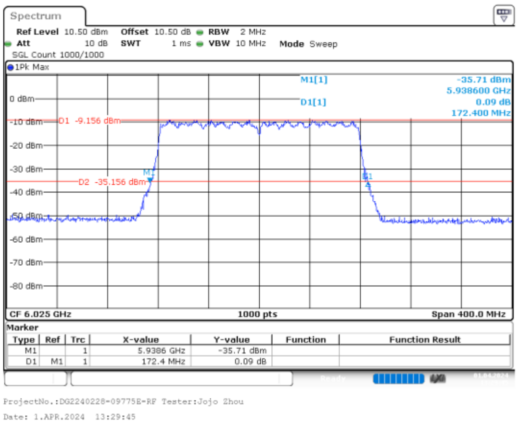
ax160_6025MHz_RU_Full_Chain 0



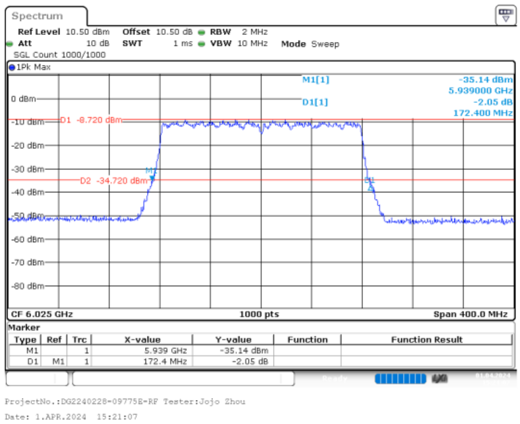
ax160_6025MHz_RU_Full_Chain 1



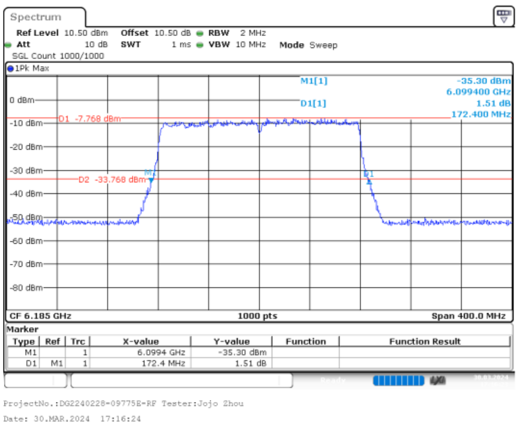
ax160_6025MHz_RU_Full_Chain 2



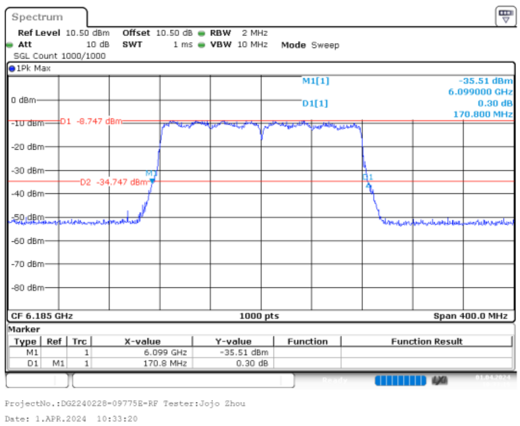
ax160_6025MHz_RU_Full_Chain 3



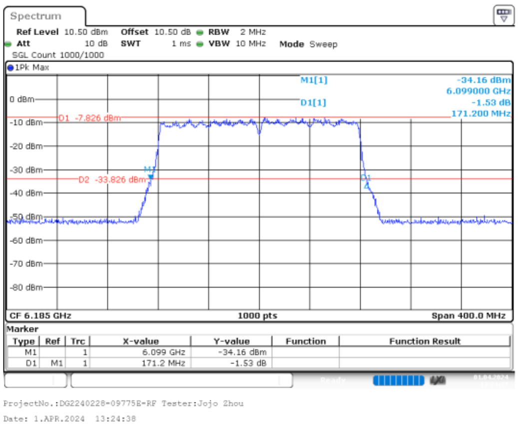
ax160_6185MHz_RU_Full_Chain 0



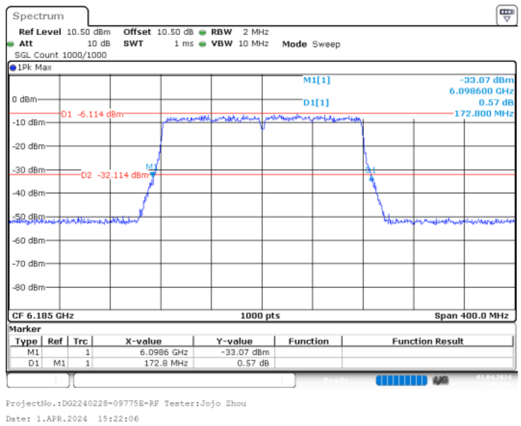
ax160_6185MHz_RU_Full_Chain 1



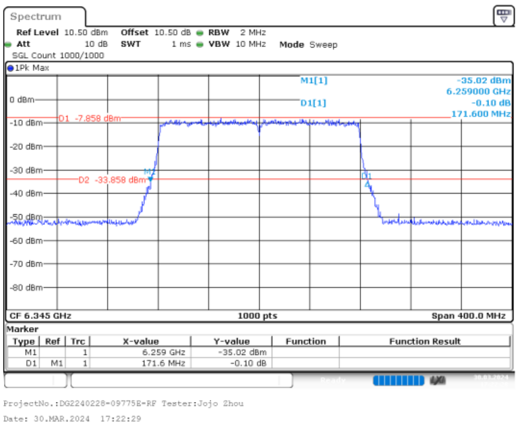
ax160_6185MHz_RU_Full_Chain 2



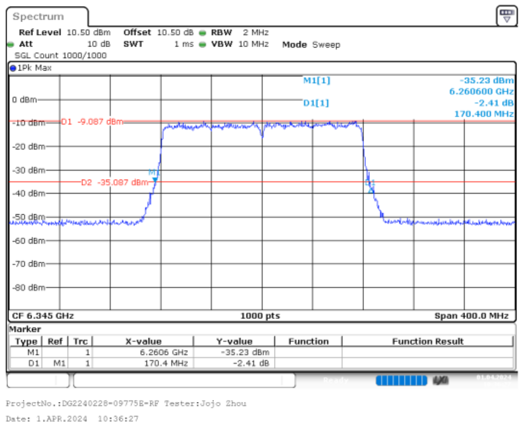
ax160_6185MHz_RU_Full_Chain 3



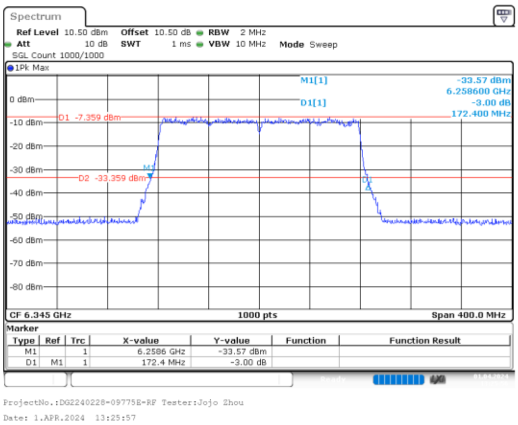
ax160_6345MHz_RU_Full_Chain 0



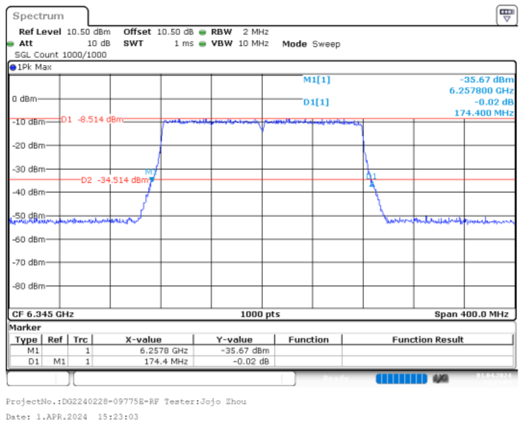
ax160_6345MHz_RU_Full_Chain 1



ax160_6345MHz_RU_Full_Chain 2

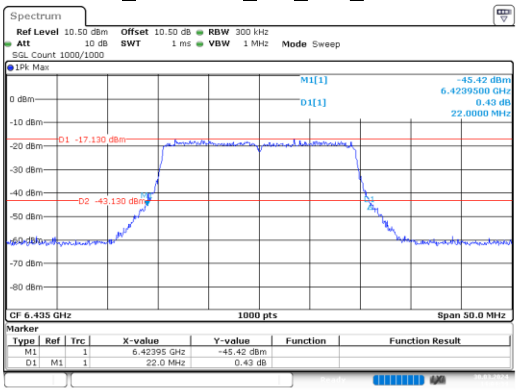


ax160_6345MHz_RU_Full_Chain 3



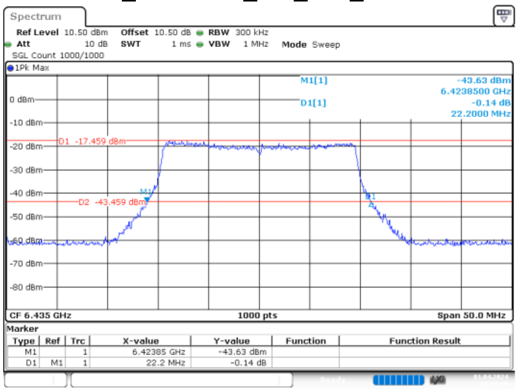
6425-6525 MHz(including Crossed channel):

ax20_6435MHz_RU_Full_Chain 0



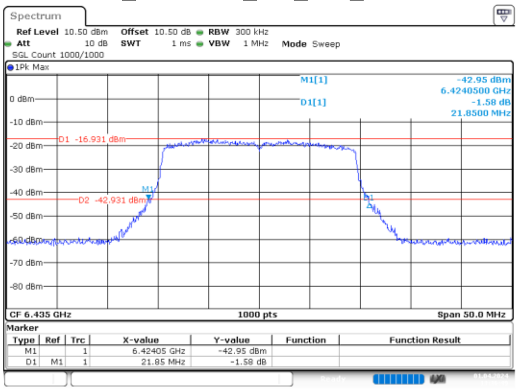
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 14:04:35

ax20_6435MHz_RU_Full_Chain 1



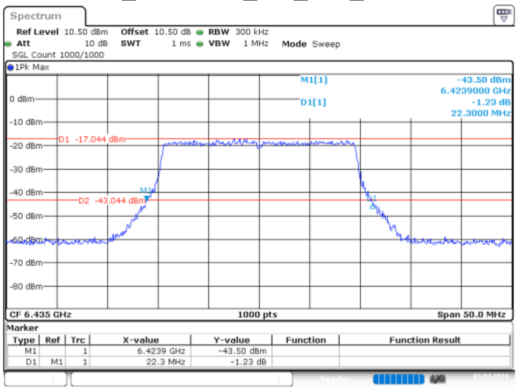
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:42:38

ax20_6435MHz_RU_Full_Chain 2



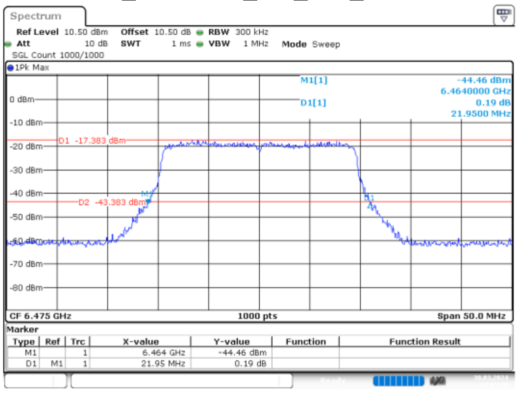
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:36:50

ax20_6435MHz_RU_Full_Chain 3



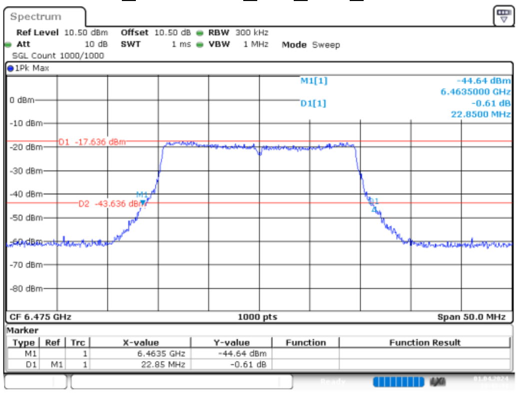
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:44:23

ax20_6475MHz_RU_Full_Chain 0



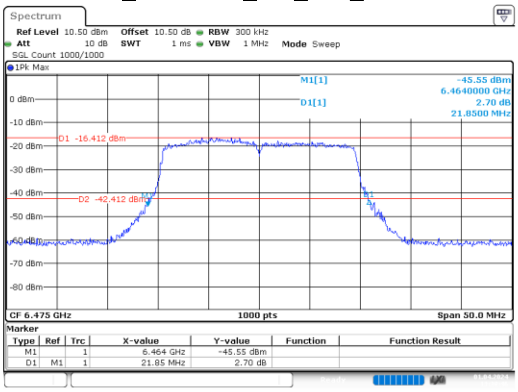
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 14:05:48

ax20_6475MHz_RU_Full_Chain 1



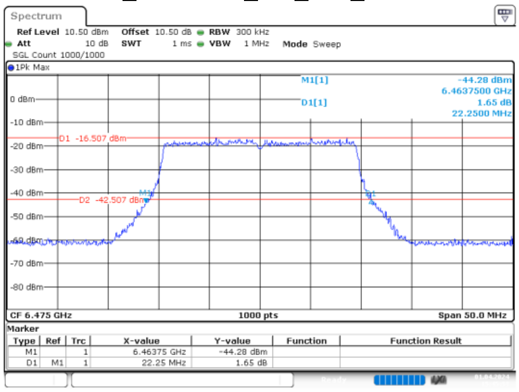
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:43:44

ax20_6475MHz_RU_Full_Chain 2



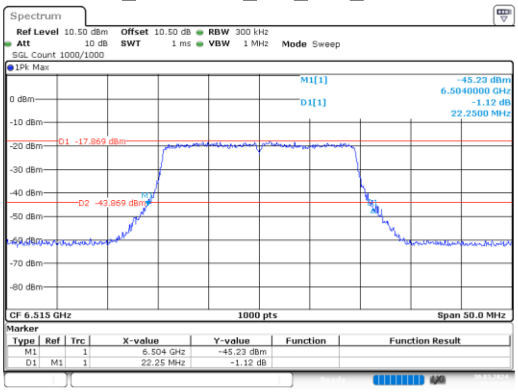
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:38:46

ax20_6475MHz_RU_Full_Chain 3



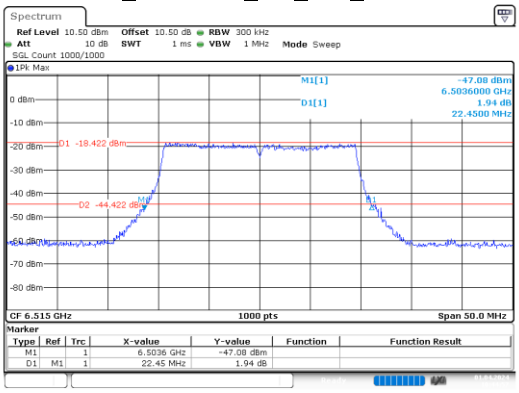
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:45:33

ax20_6515MHz_RU_Full_Chain 0



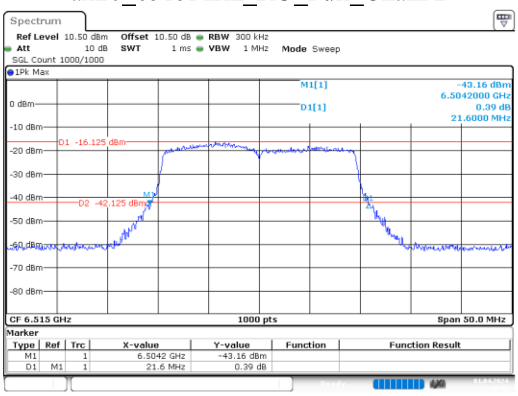
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 14:07:02

ax20_6515MHz_RU_Full_Chain 1



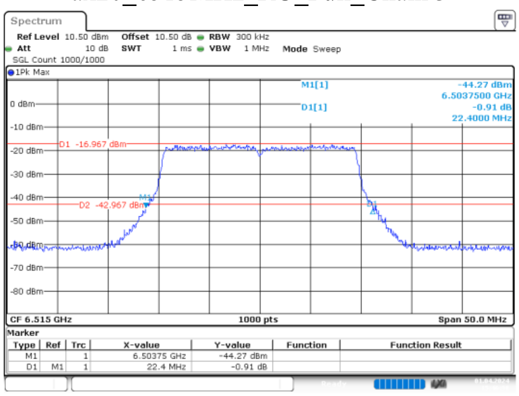
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:44:58

ax20_6515MHz_RU_Full_Chain 2



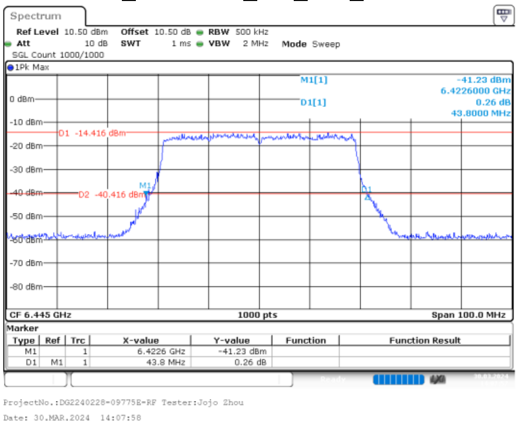
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:40:03

ax20_6515MHz_RU_Full_Chain 3

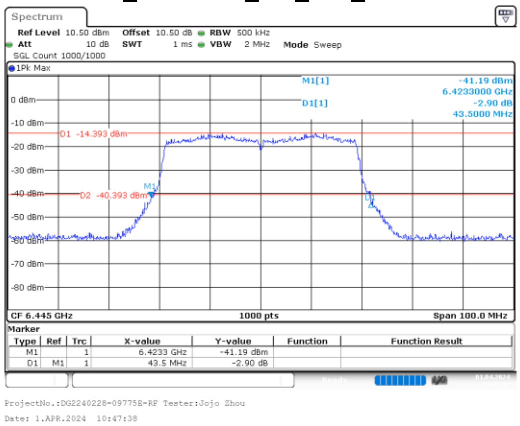


ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:46:38

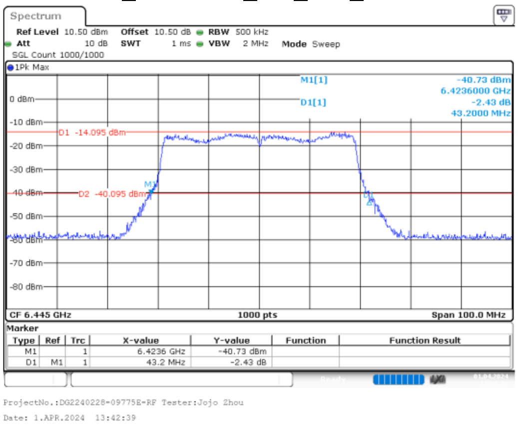
ax40_6445MHz_RU_Full_Chain 0



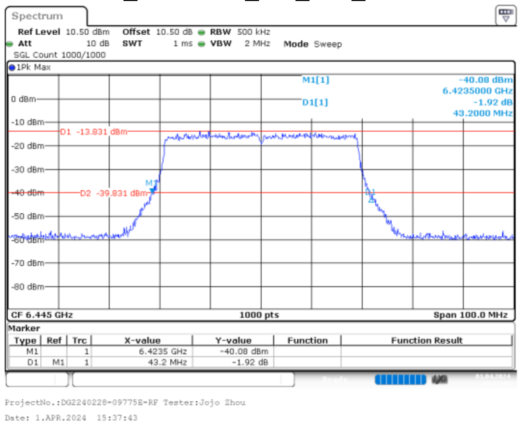
ax40_6445MHz_RU_Full_Chain 1



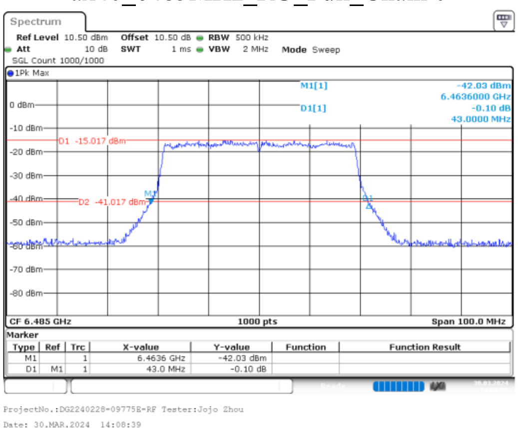
ax40_6445MHz_RU_Full_Chain 2



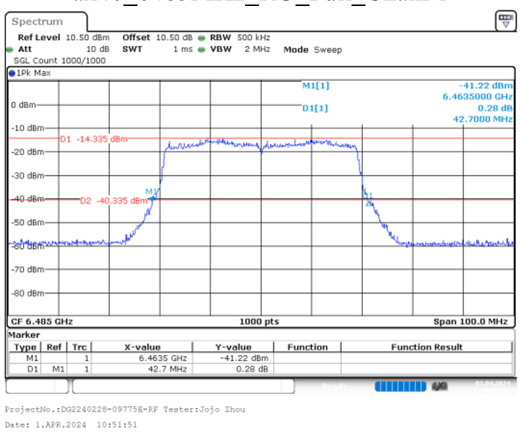
ax40_6445MHz_RU_Full_Chain 3



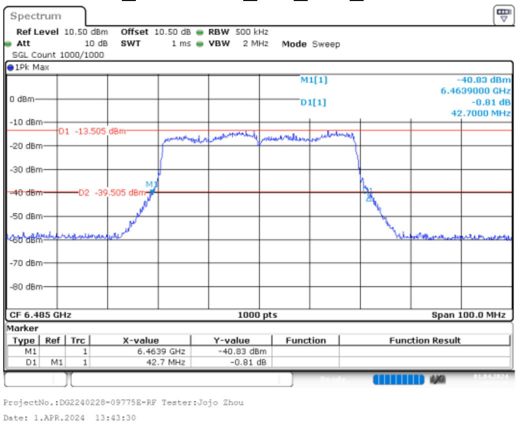
ax40_6485MHz_RU_Full_Chain 0



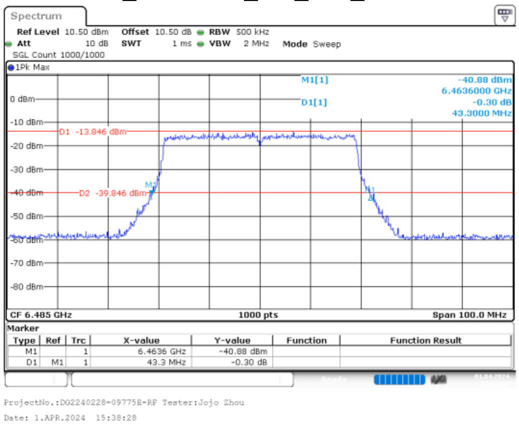
ax40_6485MHz_RU_Full_Chain 1



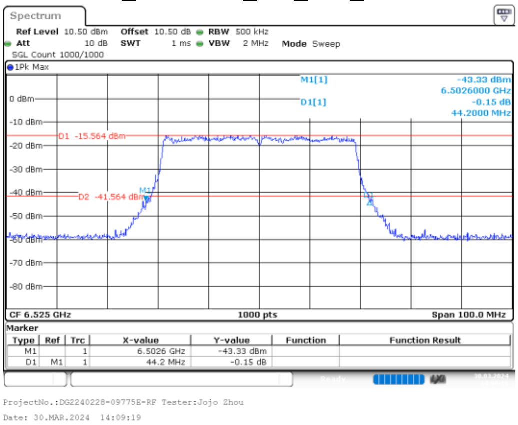
ax40_6485MHz_RU_Full_Chain 2



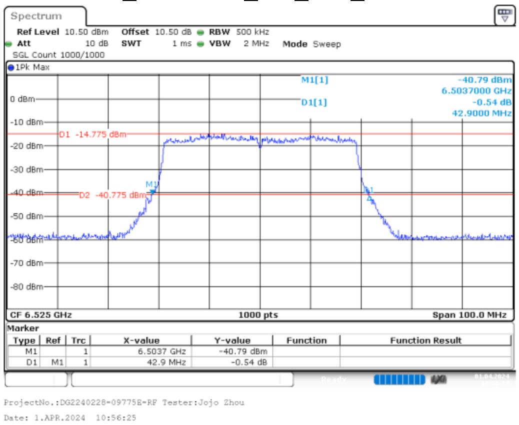
ax40_6485MHz_RU_Full_Chain 3



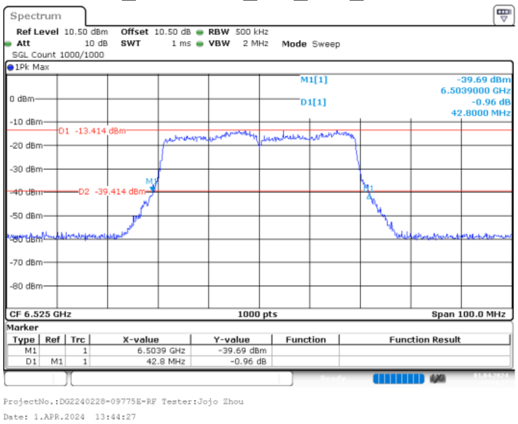
ax40_6525MHz_RU_Full_Chain 0



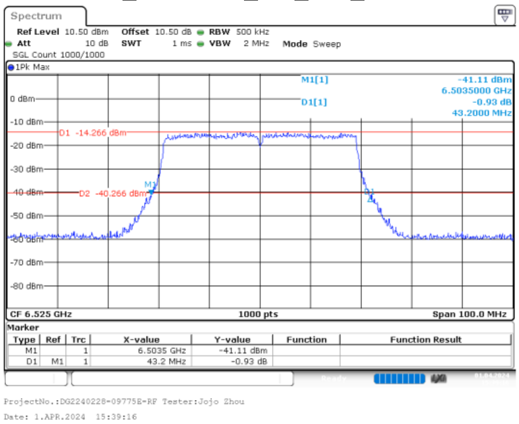
ax40_6525MHz_RU_Full_Chain 1



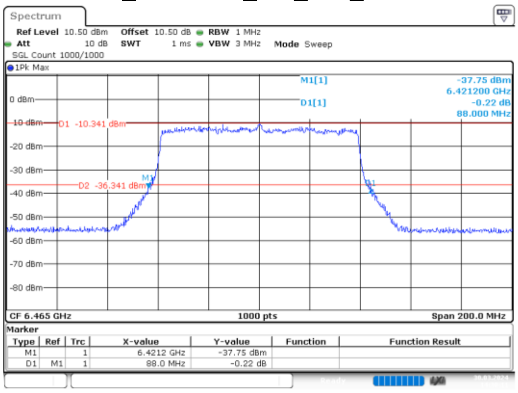
ax40_6525MHz_RU_Full_Chain 2



ax40_6525MHz_RU_Full_Chain 3

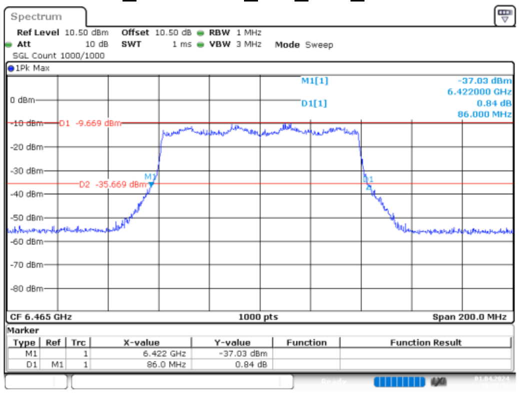


ax80_6465MHz_RU_Full_Chain 0



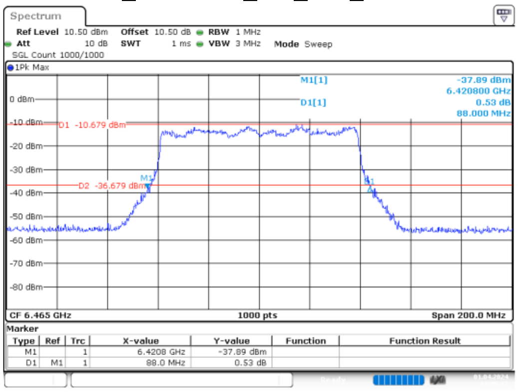
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 14:30:12

ax80_6465MHz_RU_Full_Chain 1



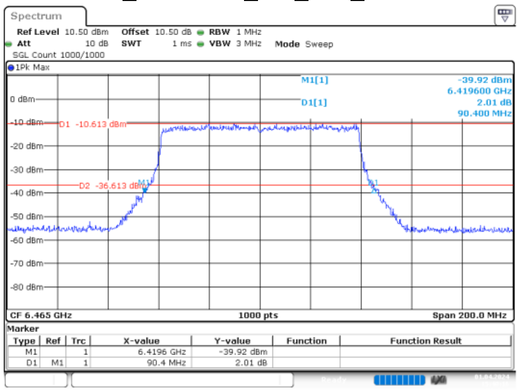
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:57:36

ax80_6465MHz_RU_Full_Chain 2



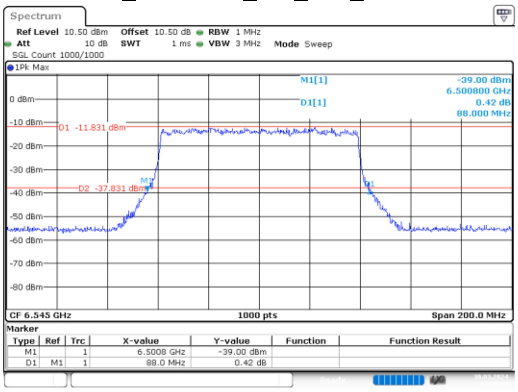
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 13:45:37

ax80_6465MHz_RU_Full_Chain 3



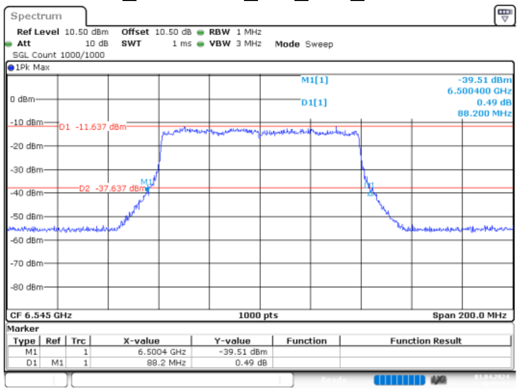
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 15:40:16

ax80_6545MHz_RU_Full_Chain 0



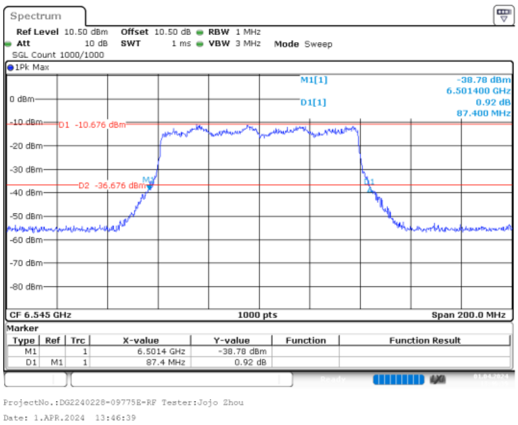
ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 30.MAR.2024 14:30:59

ax80_6545MHz_RU_Full_Chain 1

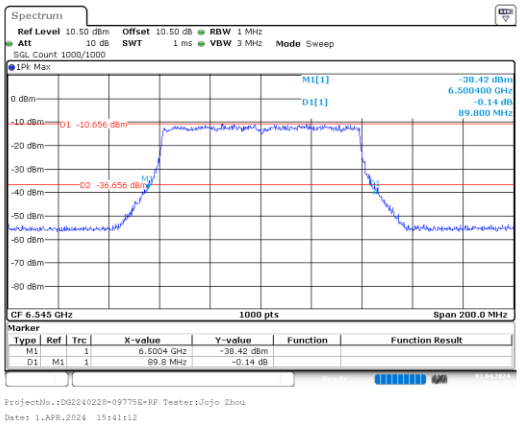


ProjectNo.:DG2240228-09775E-RF Tester:Jojo Zhou
Date: 1.APR.2024 10:58:34

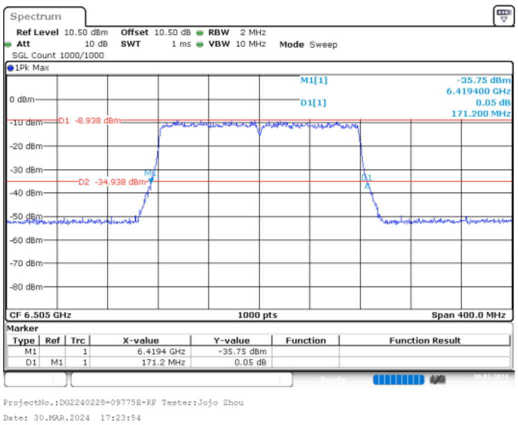
ax80_6545MHz_RU_Full_Chain 2



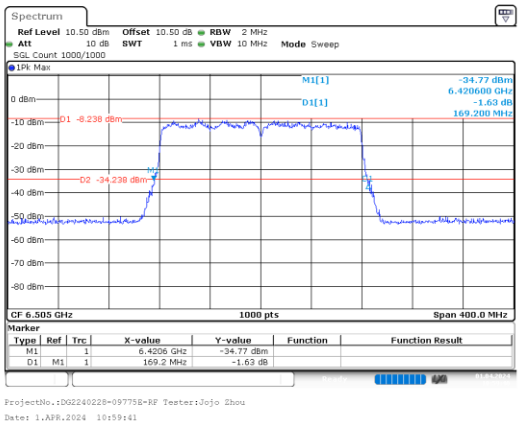
ax80_6545MHz_RU_Full_Chain 3



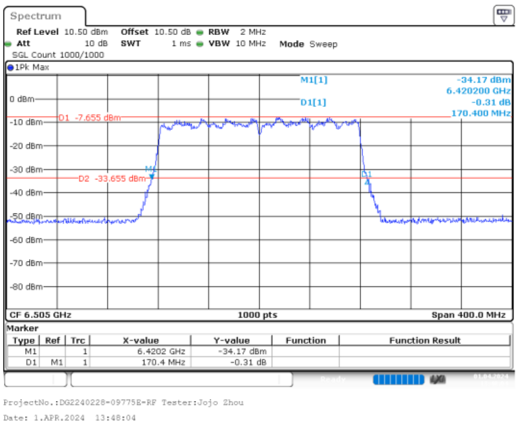
ax160_6505MHz_RU_Full_Chain 0



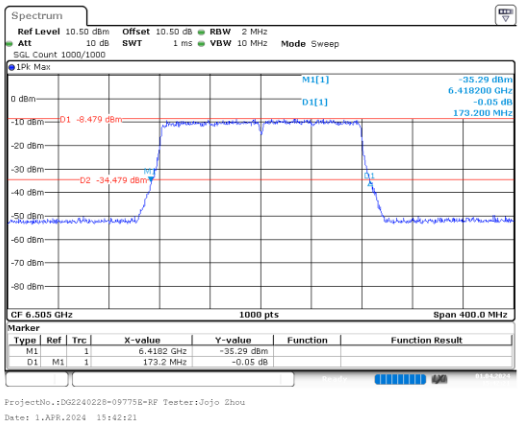
ax160_6505MHz_RU_Full_Chain 1



ax160_6505MHz_RU_Full_Chain 2

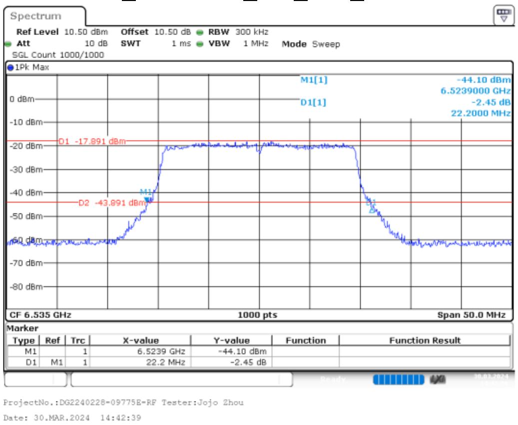


ax160_6505MHz_RU_Full_Chain 3

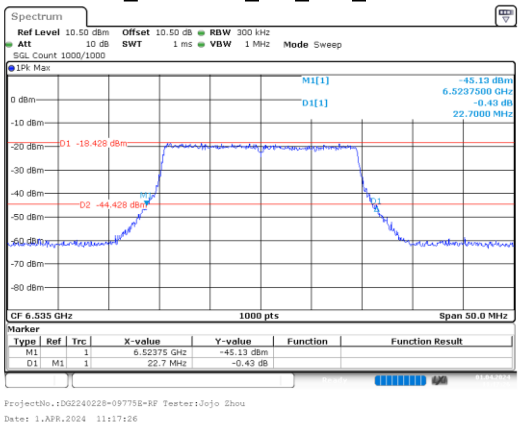


6525-6875 MHz:

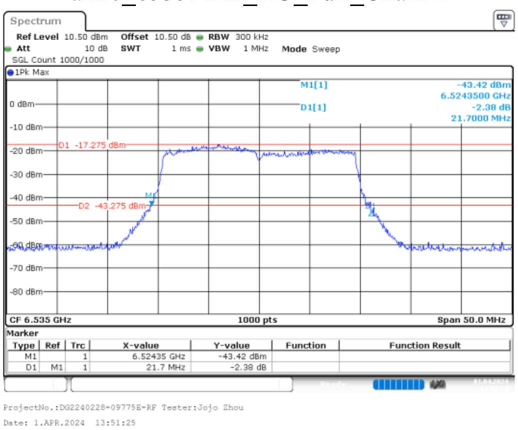
ax20_6535MHz_RU_Full_Chain 0



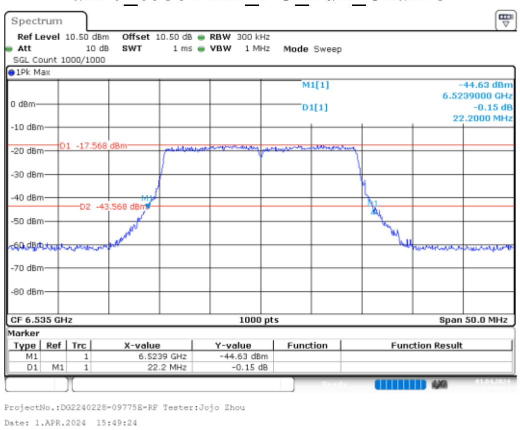
ax20_6535MHz_RU_Full_Chain 1



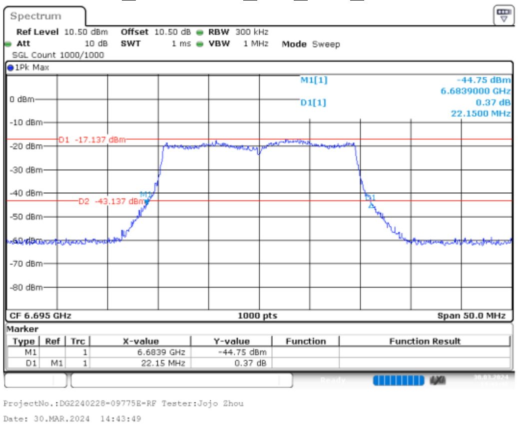
ax20_6535MHz_RU_Full_Chain 2



ax20_6535MHz_RU_Full_Chain 3



ax20_6695MHz_RU_Full_Chain 0



ax20_6695MHz_RU_Full_Chain 1